Form 3160-3 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

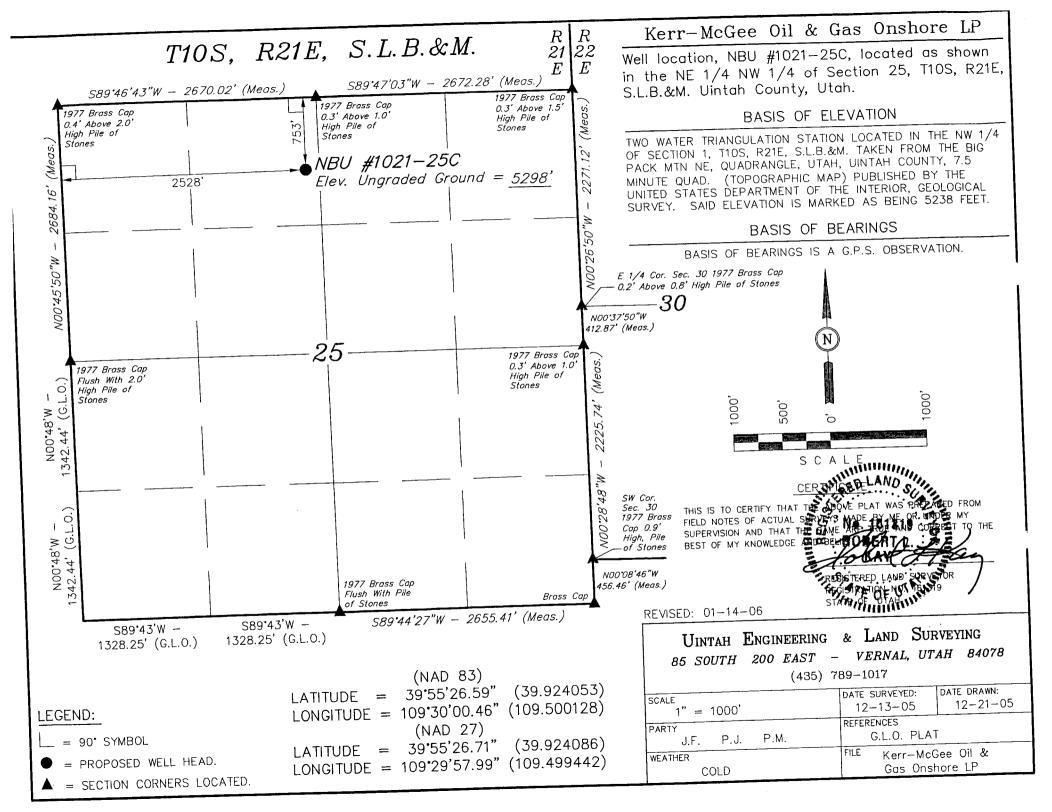
5. Lease Serial No.

JTU	J-0	22	77	-B
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2. Name of Operator WESTPORT OIL & GAS COMPANY L.P. 3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078 4. Location of Well (Report location clearly and in accordance with any State required At surface NENW 753'FNL, 2528'FWL 628241 × 4420194 × 442	e Zone X Multi nclude area code) 1 24	7. NA 8. NE 9. 10. NA	If Indian, Allottee or If Unit or CA Agreen TURAL BUTTE Lease Name and We BU 1021-25C API Well No. 43-047- Field and Pool, or E TURAL BUTTE Sec., T., R., M., or I	S UNIT II No. 37969 Exploratory
a. Type of Work: A DRILL REENTER b. Type of Well: Oil Well A Gas Well Other Single Name of Operator NESTPORT OIL & GAS COMPANY L.P. A. Address 368 SOUTH 1200 EAST VERNAL, UT 84078 Location of Well (Report location clearly and in accordance with any State require at surface NENW 753'FNL, 2528'FWL \$28241 \times My proposed prod. Zone 4. Distance in miles and direction from nearest town or post office*	ne Zone X Multi neclude area code) 124 ments.*) 39, 92403	NA 8. NE 9. 10. NA	TURAL BUTTE Lease Name and We BU 1021-25C API Well No. 43.047- Field and Pool, or BUTTE	S UNIT II No. 37969 Exploratory ES
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At proposed prod. Zone NESTPORT OIL & GAS COMPANY L.P. 3b. Phone No. (i. (435) 781-70 (435) 78	124 ments.*) 39. 92403	NA 11.	Field and Pool, or E	Exploratory ES
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1368 SOUTH 1200 EAST VERNAL, UT 84078 1. Location of Well (Report location clearly and in accordance with any State require NENW 753'FNL, 2528'FWL 628241 × 4420194 ×	ments.*) 39, 92403	39	. Sec., T., R., M., or	Olle and Chrosov or Arm
At surface NENW 753'FNL, 2528'FWL 628241 × At proposed prod. Zone 14. Distance in miles and direction from nearest town or post office*				BIK, and Survey of Arc.
At proposed prod. Zone 4. Distance in miles and direction from nearest town or post office* 4. Distance in miles and direction from nearest town or post office*				
4. Distance in miles and direction from nearest town or post office*	104. 94 1:		CTION 25-T109	S-R21E
4. Distance in miles and direction from nearest town of post office			. County or Parish	13. State
FO COUTUEACT OF OURAT, UTAG			NTAH	UTAH
		Spacing Unit dedicat		
20.05 MILES SOUTHEAST OF GOTOTT, 5. Distance from proposed*	s in lease 17.	Spacing Offit dedicar	,ed to this war	
location to nearest 753'	1.0	00		
property of lease fite, it. (Also to negrest drig unit line, if any) [1640.00]	40.	BLM/BIA Bond No.	on tile	
8. Distance from proposed location* REFER TO 19. Proposed D	CD CO		. On the	
to noursel well drilling collipieles, to noursel well drilling collipieles,	\cc)-1203		
applied for, on this lease, it.		12	3. Estimated duration	1
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approxima	te date work will sta	T(D BE DETERMI	NED
	ROVAL		J DE DE LE	
5298'GL 24 Att	achments			
21.710	- 1 N 1 -hall	he attached to this fo	ım:	
The following, completed in accordance with the requirements of Onshore Oil and Ga	is Order No. 1, shall	be attached to this re		
The following, completed was	4 Pand to cover	the operations unles-	s covered by an existi	ing bond on file (see
Well plat certified by a registered surveyor.				
	Item 20 above)			
2. A Drilling Plan.	Operator certifi	cation.		1 1 1
3. A Surface Use Plan (if the location is on National Forest System Lands, the	6. Such other site	specific information :	and/or plans as may b	ie required by the
SUPO shall be filed with the appropriate Forest Service Office.	authorized office			
				Date
Name Name	(Printed/Typed)		ľ	3/7/2006
25 Stepany She	ILA UPCHEGO	o		3/1/2000
//www.ogunesp				
Title				
REGULATORY ANALYST Name	e (Printed/Typed)			Date
		CHILL	i	OH-Clo-Cle
	BRADLEY			
notation ()	ENVIRONMENTA			
Title .			abiah would ent	itle the applicant to con
Application approval does not warrant or certify that the applicant holds legal or equ	itable title to those	rights in the subject le	ease which would em	the the approant to com
Application approval does not warrant or certify that the applicant holds region.				
and the real				
Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001and Title 43 U.S.C. Section 1212, make it a crime for a section 1212 of the section 1212 of	la ancie a	ly and willfully to ma	ke to any department	or agency of the United
12.12.0. Section 12.12 make it a crime for a	any person knowing	tion.	- •	

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

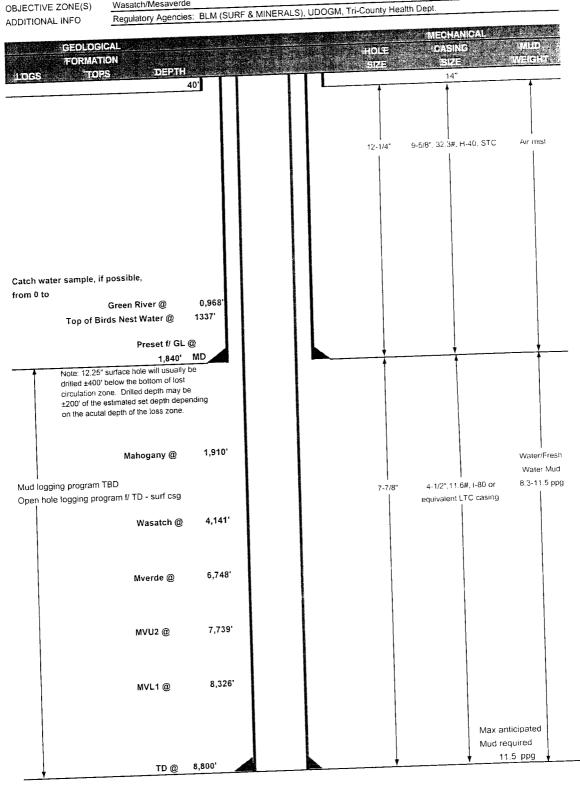
*(Instructions on reverse)





KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

		<u> </u>			
COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP	DATE	March 24,	2006 MD/TVD	
001411 7 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NBU 1021-25C	TD	0,000		KB 5,313'
WELL NAME _		Utah	ELEVATION	5,298' GL_	KB 5,515
FIELD Natural Buttes	e COUNTI Official				BHL Straight Hole
THE A OF LOCATION	NENW SECTION 25, T10S, R21E 753'FNL,	2528 F VVL			
SURFACE LOCATION	togo 1 situdo: 1(09.500128			
	Latitude: 39.924053 Longitude: 10	75.500125			
OBJECTIVE ZONE(S)	Wasatch/Mesaverde		N. T≕ County H	ealth Dent	
	Regulatory Agencies: BLM (SURF & MINE)	RALS), <u>UDOG</u>	M, Tri-County n	ealth Dopt.	
ADDITIONAL INFO	Regulatory Agencies: 22 (2				





KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

CASING PROGRAM

CASING PROGRAM										
	SIZE	IN.	rerv/	NE -	- 176	-CR-12-1	भूदा दिन _ः	EURST		
CONDUCTOR	14"		0-40'					2270	1370	254000
SURFACE	9-5/8"	0	to	1840	32.30	H-40	STC	0.68****** 7780	1.59 6350	4.88 201000
PRODUCTION	4-1/2"	0	to	8800	11.60	1-80	LTC	2.34	1.21	2.26
					<u> </u>		nitti partial s	wac oradient	x TVD of next cs	g point)

¹⁾ Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

(Burst Assumptions: TD =

11.5 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing Buoy Fact of water)

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

CEMENTITY				SACKS.	EV(CESS)	WEIGHT	YIELD
		FT. OF FILL	DESCRIPTION COCI	215	60%	15.60	1.18
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele				
Option 1	ļ		20 gals sodium silicate + Premium cmt	50		15.60	1.18
	TOP OUT CMT (1)	200	+ 2% CaCl + .25 pps flocele	<u> </u>			
	0.17 CMT (2)	as required	Promium cmt + 2% CaCl	as req.		15.60	1.18
	TOP OUT CMT (2)	as required	NOTE: If well will circulate water to se	urface, op	tion 2 will b	e utilizea	1
SURFACE	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3 82
Option 2	CEAD	1300	+.25 pps Flocele + 3% salt BWOC			15.60	1.18
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.00	1.10
		i	+ .25 pps flocele			15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.	1	13.00	1.19
					60%	11.00	3.38
PRODUCTI	ON LEAD	3,640'	Premium Lite II + 3% KCI + 0.25 pps	400	60%	11.00	
PRODUCTI	014		celloflake + 5 pps gilsonite + 10% gel			1	
			+ 0.5% extender				
			00/ 25	1440	60%	14.30	1.31
	TAIL	5,160'	50/50 Poz/G + 10% salt + 2% gel	1440	3070		
			+ 1% R-3		linor is obto	ined	

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

ADDITIONA	L INFORMATION		
	Test casing head to 750 psi after	installing. Test surface casing to 1,500 psi prior to drilling out. and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Re	ecord on chart recorder &
	BOPE: 11" 5M with one annular tour sheet. Function test rams o	and 2 rams. Test to 5,000 ps (amular to 2,356 ps) ps n each trip. Maintain safety valve & inside BOP on rig floor at all times. Ke	lly to be equipped with upper
	& tower kelly valves.	Maximum allowable hole angle is 5 degrees	
	Drop Totco surveys every 2000 Most rigs have PVT Systems for	mud monitoring. If no PVT is available, visual monitoring will be utilitzed.	
DDII VINC	ENGINEER:		DATE:
DRILLING	ENGINEER	Brad Laney	DATE:

DRILLING SUPERINTENDENT: Randy Bayne

NBU1021-25C DHD.xls

²⁾ MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

^{*}Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

NBU 1021-25C NENW SEC 25-T10S-R21E UINTAH COUNTY, UTAH UTU-02277-B

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta Green River Top of Birds Nest Water Mahogany Wasatch Mesaverde MVU2 MVL1 TD	0- Surface 968' 1337' 1910' 4141' 6748' 7739' 8326' 8800'

2. <u>Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:</u>

Substance	<u>Formation</u>	<u>Depth</u>
Water Gas Gas Gas Gas Other Minerals	Green River Top of Birds Nest Water Mahogany Wasatch Mesaverde MVU2 MVL1 N/A	968' 1337' 1910' 4141' 6748' 7739' 8326'

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. <u>Drilling Fluids Program:</u>

Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 8800' TD, approximately equals 5456 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3520 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

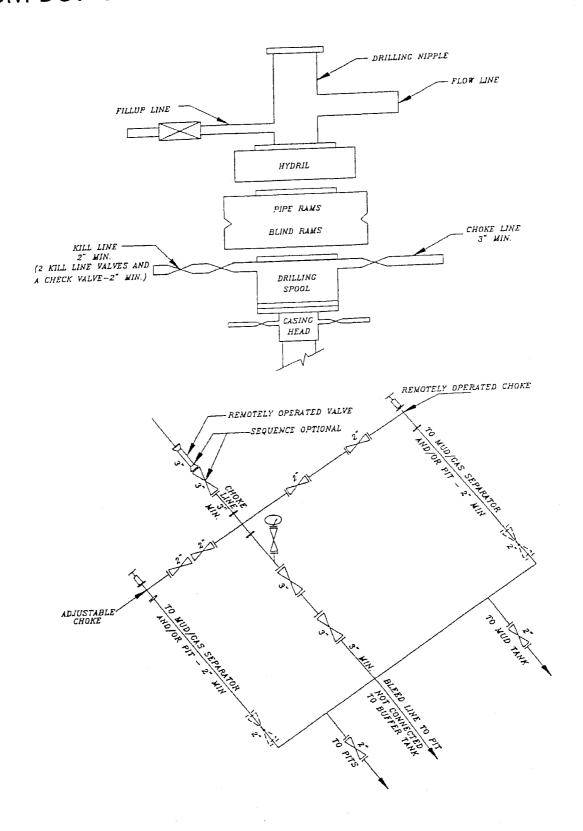
9. Variances:

Please refer to the attached Drilling Program.

10. Other Information:

Please refer to the attached Drilling Program.

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 1021-25C NENW SEC 25-T10S-R21E UINTAH COUNTY, UTAH UTU-02277-B

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the NBU 1021-25C on 03/02/06 for the subject well.

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 0.45 +/- miles of new access road is proposed. Refer to Topo Map B.

3. <u>Location of Existing Wells Within a 1-Mile Radius</u>:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Refer to Topo Map D for the location of the proposed pipelines.

Variances to Best Management Practices (BMPs) Requested:

Approximately 6450' +/- of 8" steel pipeline from the proposed location to the proposed East Bench pipeline, the tie-in point in Sec 23, T10S, R21E. Approximately 2600' +/- of 4" steel pipeline from the proposed location to the tie-in point in Sec 25, T10S, R21E. Approximately 3850' +/- of pipeline is proposed from the proposed pipeline Sec 25, T10S, R21E to the proposed pipeline in Sec 26, T10S, R21E. Approximately 12,400' of pipeline is proposed from the proposed location to the proposed East Bench Pipeline in Sec 23, T10S, R21E. The pipelines will be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil has a poor history for successful rehabilitation.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

7. Methods of Handling Waste Materials:

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (Request is in lieu of filing Form 3160-5, after initial production).

8. Ancillary Facilities:

Please see the Natural Buttes SOP.

9. Well Site Lavout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

As per previous onsite discussion, a 20 mil reserve pit liner with felt will be used.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be resurveyed and a form 3160-5 will be submitted.

10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

When the pit is backfilled, the topsoil pile shall be spread on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The following seed mixture will be used to reclaim the surface for interim reclamation using appropriate reclamation methods. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

Crested Wheat Grass 4 lbs.
Needle and Thread Grass 4 lbs.
Indian Rice Grass 4 lbs.

Operator shall call the BLM for the seed mixture when final reclamation occurs.

11. Surface Ownership:

The well pad and access road are located on lands owned by:

United States of America Bureau of Land Management 170 South 500 East Vernal, UT 84078 (435)781-4400

12. Stipulations:

Critical Soils: No Construction When Wet.

Wildlife Stipulations:

ANTELOPE STIPULATIONS: No construction or drilling from May 15th through June 20th.

13. Other Information:

A Class III archaeological survey and a paleontological survey have been performed and will be filed when received.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operator's Representative & Certification:

Sheila Upchego
Regulatory Analyst
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bold #CO-1203.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Shaila Unchero 3/7/2006
Date

Kerr-McGee Oil & Gas Onshore LP

NBU #1021-25C SECTION 25, T10S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 6.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #1021-25G TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.45 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.05 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #1021-25C LOCATED IN UINTAH COUNTY, UTAH SECTION 25, T10S, R21E, S.L.B.&M.

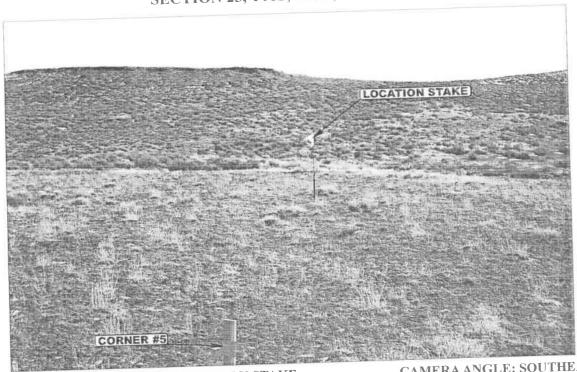


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

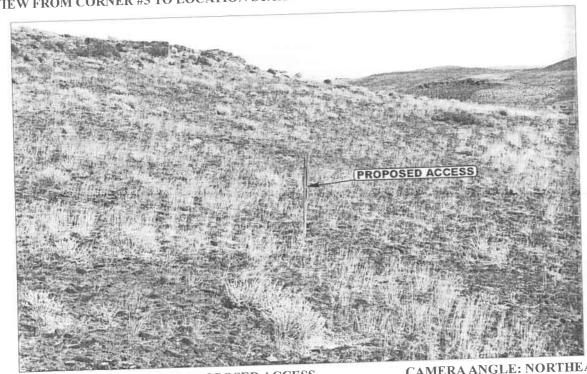


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



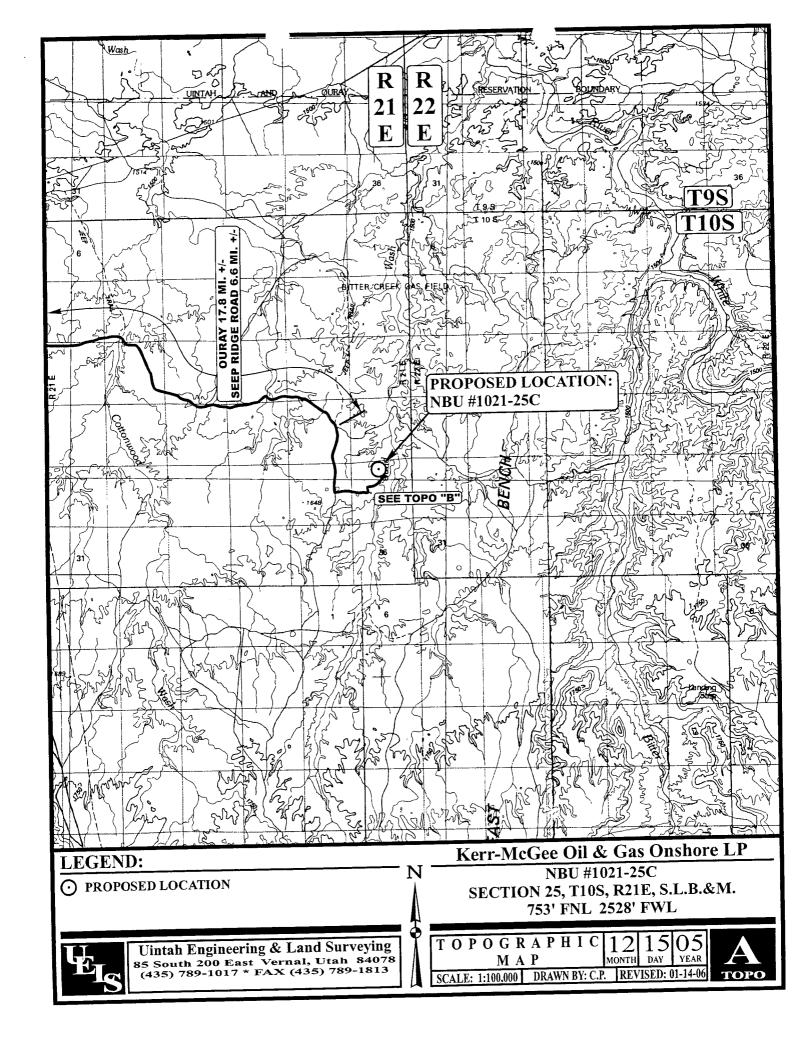
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

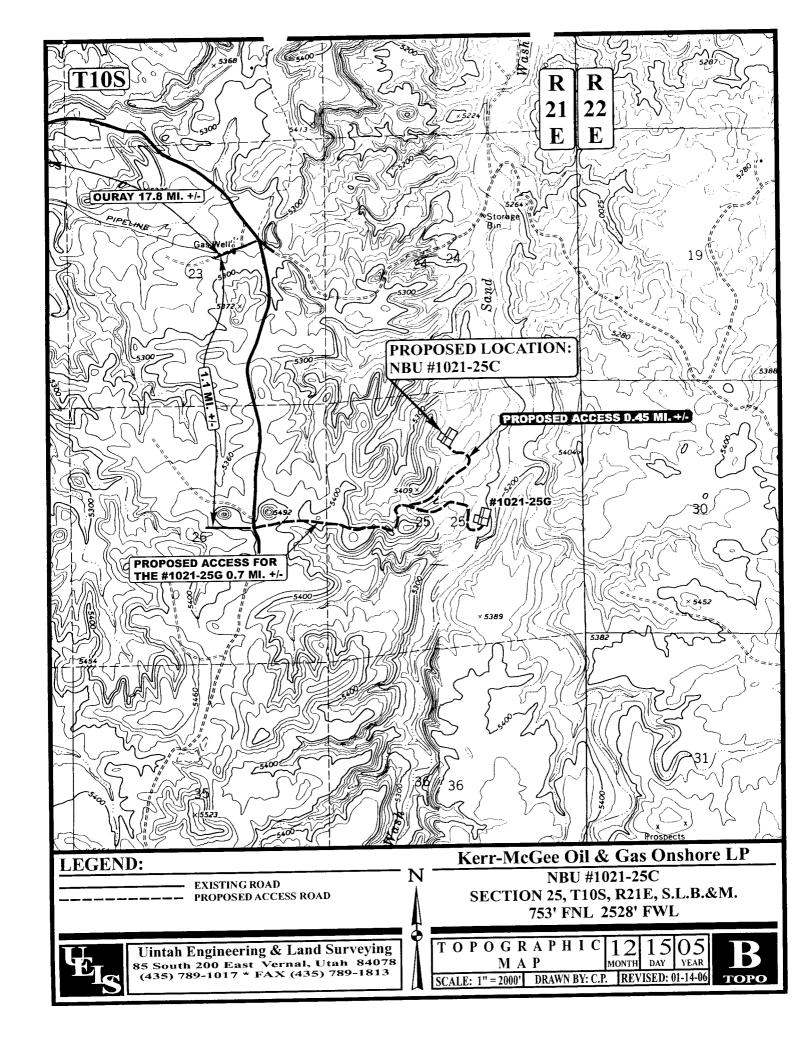
LOCATION PHOTOS

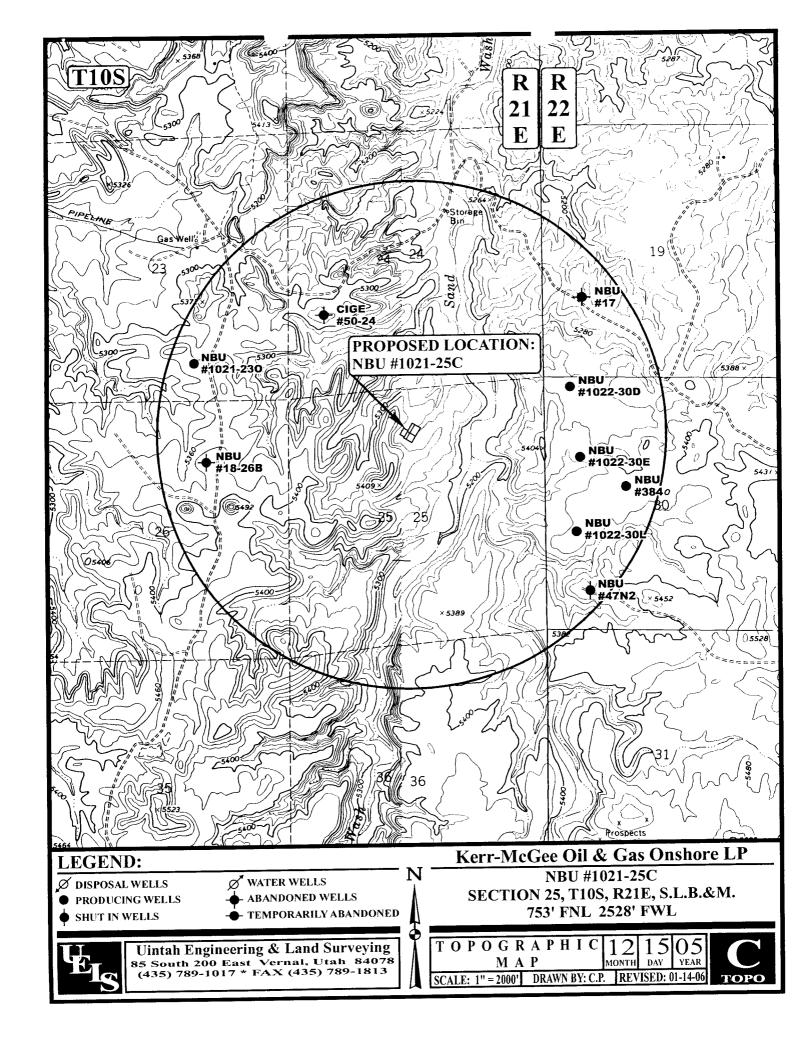
YEAR

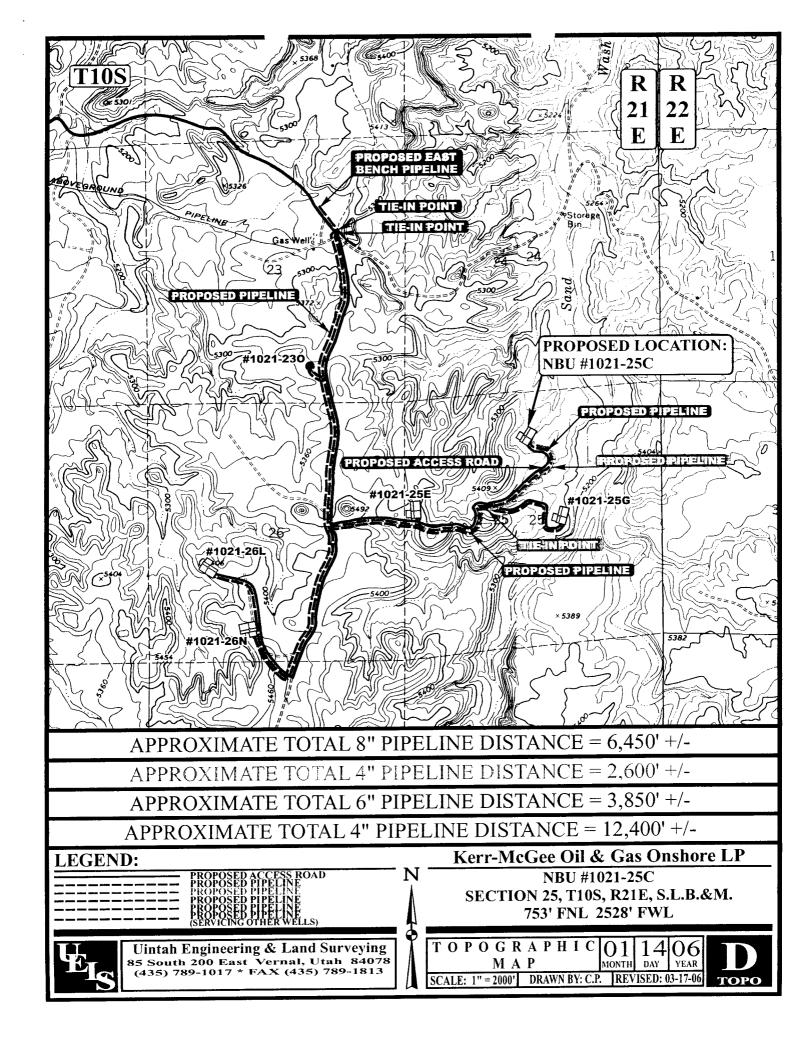
РНОТО

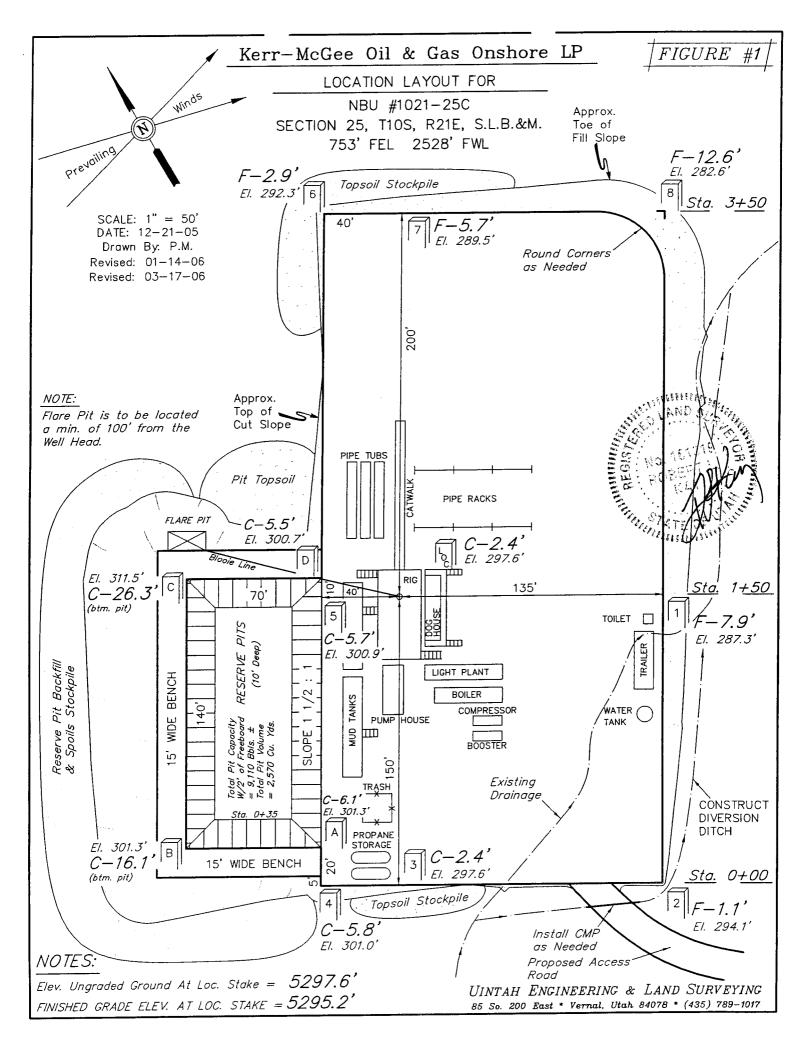
DRAWN BY: C.P. REVISED: 01-14-06 TAKEN BY: P.J.

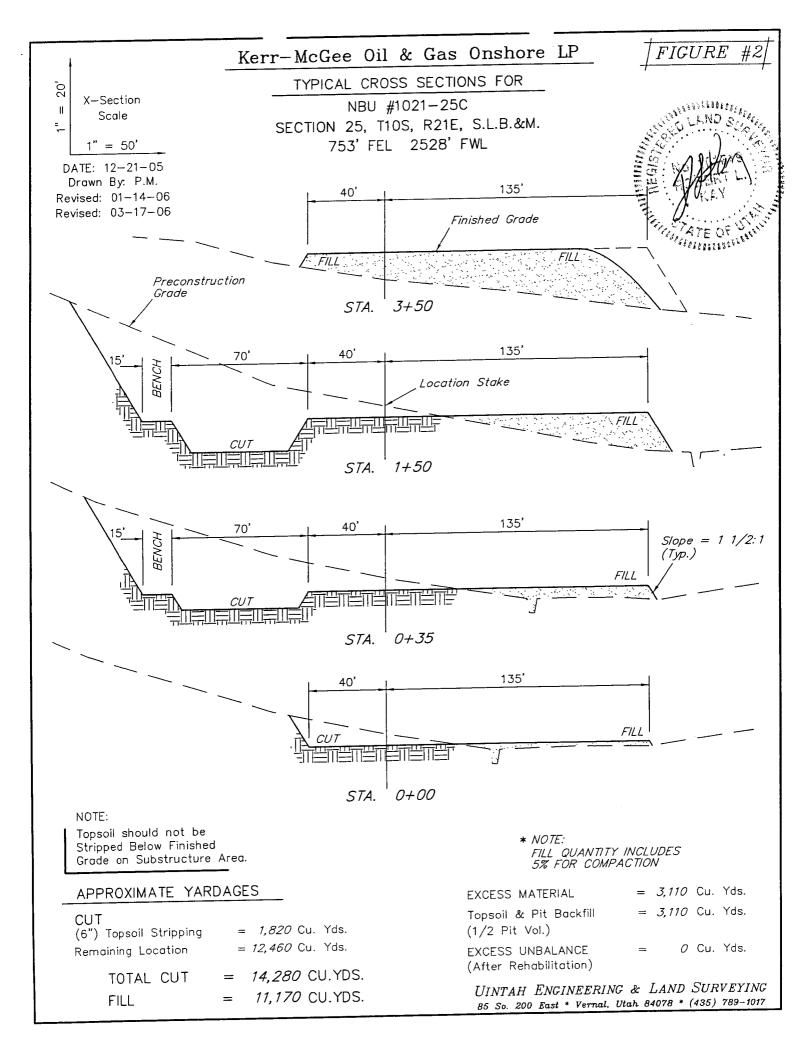






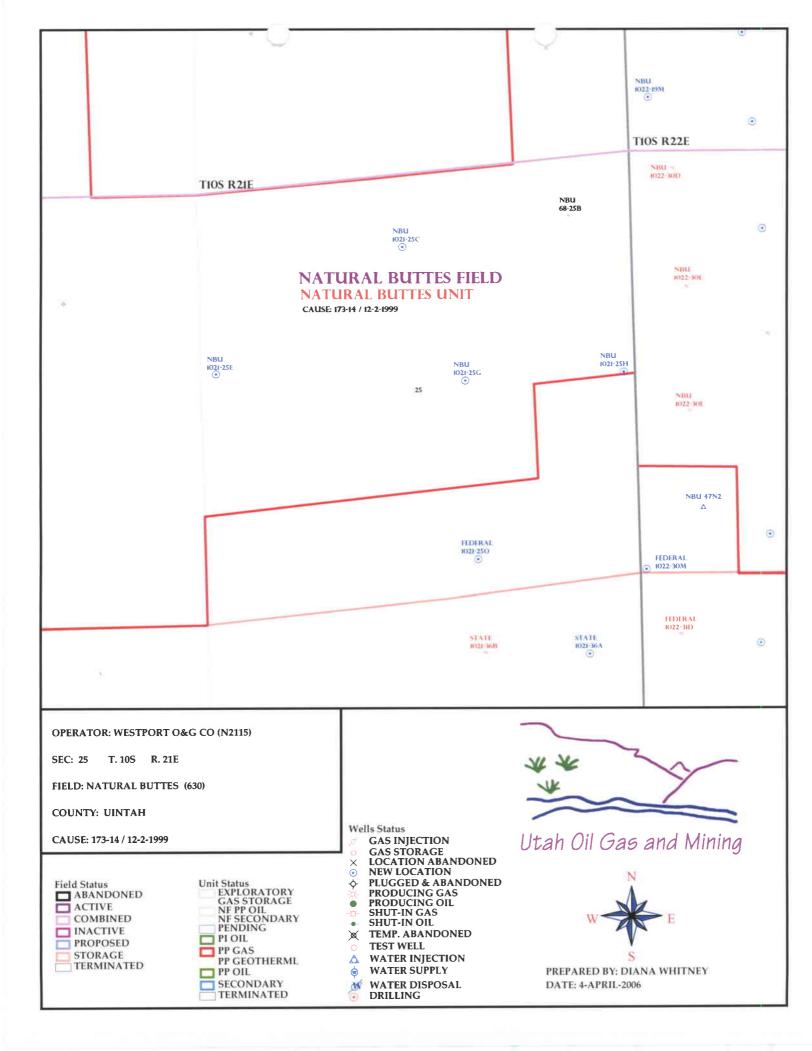






WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/29/2006	API NO. ASSIGNED: 43-047-37969
WELL NAME: NBU 1021-25C OPERATOR: WESTPORT OIL & GAS CO (N2115) CONTACT: SHEILA UPCHEGO	PHONE NUMBER: 435-781-7024
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
NENW 25 100S 210E SURFACE: 0753 FNL 2528 FWL	Tech Review Initials Date
BOTTOM: 0753 FNL 2528 FWL	Engineering
COUNTY: UINTAH	Geology
LATITUDE: 39.92404 LONGITUDE: -109.4994 UTM SURF EASTINGS: 628241 NORTHINGS: 442019	Surface
FIELD NAME: NATURAL BUTTES (630) LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-02277-B SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: WSMVD COALBED METHANE WELL? NO
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:
Plat Bond: Fed[1] Ind[] Sta[] Fee[]	R649-2-3. Unit: NATURAL BUTTES
(No. CO-1203) N Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496) N RDCC Review (Y/N) (Date:) NA Fee Surf Agreement (Y/N) LIA Intent to Commingle (Y/N)	R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: 173.14 Eff Date: 172.14 Siting: 44. True F R649-3-11. Directional Drill
COMMENTS: Som Sequel GU	\cup
STIPULATIONS: 1- Coliny Opp 2-On Sila	WC



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

April 4, 2006

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2006 Plan of Development Natural Buttes Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Wasatch/MesaVerde)

```
43-047-37963 NBU 1021-3G Sec 03 T10S R21E 1960 FNL 1924 FEL 43-047-37960 NBU 1021-4G Sec 04 T10S R21E 1941 FNL 1606 FEL 43-047-37961 NBU 1021-4H Sec 04 T10S R21E 1925 FNL 0496 FEL 43-047-37964 NBU 1021-5F Sec 05 T10S R21E 1925 FNL 0496 FEL 43-047-37966 NBU 1021-5D Sec 05 T10S R21E 1808 FNL 2338 FWL 43-047-37966 NBU 1021-6E Sec 06 T10S R21E 1825 FNL 0880 FWL 43-047-37968 NBU 1021-6C Sec 06 T10S R21E 0697 FNL 0464 FWL 43-047-37956 NBU 921-37N Sec 37 T09S R21E 0705 FSL 2310 FWL 43-047-37953 NBU 921-34J Sec 34 T09S R21E 1623 FSL 1500 FEL 43-047-37954 NBU 922-31N Sec 31 T09S R22E 0914 FSL 1446 FEL 43-047-37955 NBU 922-32N Sec 32 T09S R22E 0600 FSL 1810 FWL
```

Our records indicate the NBU 921-33M is closer than 460 feet from uncommitted lands with the Natural Buttes Unit.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.

Governor

GARY R. HERBERT Lieutenant Governor

April 6, 2006

Westport Oil & Gas Company, LP 1368 South 1200 East Vernal, UT 84078

Re: Natural Buttes Unit 1021-25C Well, 753' FNL, 2528' FWL, NE NW, Sec. 25,

T. 10 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37969.

Sincerely,

Gil Hunt

Associate Director

Ail Il

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator: Westport Oil & Gas Company, LP						
Well Name & Number	Natural Buttes U	nit 1021-25C	- Canada de Canada d			
API Number:	43-047-37969					
Lease:	UTU-02277-B					
Location: <u>NE NW</u>	Sec. 25	T. <u>10 South</u>	R. 21 East			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2 CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, e	effective:			1/6/2006		
FROM: (Old Operator):		TO: (New O	perator):			
N2115-Westport Oil & Gas Co., LP		N2995-Kerr-M		. Gas Onsho	re, LP	
1368 South 1200 East		1368 S	outh 1200	East		
Vernal, UT 84078		Vernal	, UT 84078			
Phone: 1-(435) 781-7024		Phone: 1-(435)	781-7024			
CA No.		Unit:	N	ATURAL I	BUTTES	UNIT
WELL NAME SEC	TWN RNG	API NO	ENTITY	LEASE	WELL	WELL
	**.		NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENTATION	ON					
Enter date after each listed item is completed						
1. (R649-8-10) Sundry or legal documentation was rece	eived from the	FORMER ope	erator on:	5/10/2006	i	
2. (R649-8-10) Sundry or legal documentation was rece	eived from the	NEW operator	on:	5/10/2006	5	
3. The new company was checked on the Department	of Commerce	e, Division of Co	orporation	s Database	on:	3/7/2006
4a. Is the new operator registered in the State of Utah:		Business Numb	-	1355743-01		
4b. If NO , the operator was contacted contacted on:		-			-	
5a. (R649-9-2)Waste Management Plan has been received	d on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites complete or		n/a	3 LA wells	s & all PA v	vells tran	sferred
5c. Reports current for Production/Disposition & Sundrie		ok	•			
6. Federal and Indian Lease Wells: The BLM	I and or the I	BIA has appro	ved the n	nerger, nai	ne chan	ge,
or operator change for all wells listed on Federal or I	ndian leases o	on:	BLM	3/27/2006	BIA	not yet
7. Federal and Indian Units:						
The BLM or BIA has approved the successor of un	it operator for	r wells listed on:		3/27/2006		
8. Federal and Indian Communization Agr	eements ("	CA"):				
The BLM or BIA has approved the operator for all				n/a		
9. Underground Injection Control ("UIC")	The D	ivision has appro	oved UIC F	orm 5, Trai	sfer of A	uthority to
Inject, for the enhanced/secondary recovery unit/pro	ject for the wa	ater disposal we	ll(s) listed o	n:		
DATA ENTRY:						
1. Changes entered in the Oil and Gas Database on:		5/15/2006	_			
2. Changes have been entered on the Monthly Operator	or Change Sp			5/15/2006	_	
3. Bond information entered in RBDMS on:		5/15/2006	-			
4. Fee/State wells attached to bond in RBDMS on:		5/16/2006	-			
5. Injection Projects to new operator in RBDMS on:6. Receipt of Acceptance of Drilling Procedures for AP	D/New on:	-	n/a	Name Char	aca Only	
BOND VERIFICATION:	D/INCW OII.		11/4	Name Cha	ige Omy	
		CO1203				
 Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: 		RLB0005239	-			
3. (R649-3-1) The NEW operator of any fee well(s) list	ted covered by		-	RLB000523	6	
a. The FORMER operator has requested a release of lial	-			rider adde		
The Division sent response by letter on:	omity from the	an bong on:	n/a	_nueraude	UIVIO	
LEASE INTEREST OWNER NOTIFICATI	ON·		-			
4. (R649-2-10) The FORMER operator of the fee wells		acted and infor	ned hv a let	ter from the	Division	
of their responsibility to notify all interest owners of t			5/16/2006		D14191011	
COMMENTS:	5- 311					

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5.	Lease	Serial	No.

SUNDRY Do not use this abandoned well.	MULTIPLE LEASES 6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPI	LICATE – Other instr	uctions on reverse sid	7. If Unit or CA/Agreement, Name and/or No.
I. Type of Well	_		
Oil Well X Gas Well	☐ Other		8. Well Name and No.
2. Name of Operator			MUTIPLE WELLS
KERR-McGEE OIL & GAS	ONSHORE LP		9. API Well No.
3a. Address		3b. Phone No. (include area	code)
1368 SOUTH 1200 EAST	10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec.	, T., R., M., or Survey Descript	(435) 781-7024 tion)	
SEE ATTACHED			11. County or Parish, State UINTAH COUNTY, UTAH
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NATURE OF NO	OTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF	ACTION
Notice of Intent	Acidize Alter Casing		roduction (Start/Resume) Water Shut-Off
Subsequent Report	Casing Repair Change Plans	New Construction F	decomplete
Final Abandonment Notice	Convert to Injection	Plug Back	emporarily Abandon OPERATOR Vater Disposal
13. Describe Proposed or Completed Op If the proposal is to deepen direction	erations (clearly state all pertiner nally or recomplete horizontally,	nt details, including estimated starting give subsurface locations and measur	g date of any proposed work and approximate duration thereof, red and true vertical depths of all pertinent markers and zones.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS DESPONSIBLE LINDER TERMS AND CONSIDERED.

RECEIVED

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE

BIM BOND = CDI202

MAY 1 0 2006

IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

DIV. OF OIL, GAS & MINING

 I hereby certify that the foregoing is true and corn Name (Printed/Typed) FANDY BAYNE 	Title Earlene R	lene Russell 16 Oil, Gas and Mining 18 Ussell, Engineering Technician
Signature / Sayne	Date May 9, 2006	
	THIS SPACE FOR FEDERAL OR STATE L	JSE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this certify that the applicant holds legal or equitable title to those which would entile the applicant to conduct operations thereo	rights in the subject lease	3076

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

	Use Form 3160-3 (APD)				6. If Indiar	, Allottee or Tribe Name
SUBMIT IN TRIPL	ICATE – Other instru	ctions o	n reverse	e side	7. If Unit o	or CA/Agreement, Name and/or No.
I. Type of Well						
Oil Well X Gas Well	Other				8. Well Na	me and No.
2. Name of Operator					MUTIPL	.E WELLS
WESTPORT OIL & GAS CO	DMPANY L.P.				9. API Wel	l No.
3a. Address		3b. Phon	e No. (includ	le area d	code)	
1368 SOUTH 1200 EAST V		(435) 78	1-7024		10. Field and	Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	on)				
055 47740450					11. County of	or Parish, State
SEE ATTACHED					UINTAH	COUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE	NATURE (OF NO	TICE, REPORT, OR	OTHER DATA
TYPE OF SUBMISSION			TYP	E OF A	ACTION	
Notice of Intent	Acidize	Deepen		☐ Pr	oduction (Start/Resume) Water Shut-Off
_	Alter Casing	Fractur			eclamation	Well Integrity
Subsequent Report	Casing Repair		onstruction		complete	Other CHANGE OF
Final Abandonment Notice	Change Plans Convert to Injection	_	d Abandon		emporarily Abandon	OPERATOR
13. Describe Proposed or Completed Open	l -	Plug Ba		_	ater Disposal	
Attach the Bond under which the wolfollowing completion of the involved testing has been completed. Final Aldetermined that the site is ready for fin EFFECTIVE JANUARY 6, 20 THE OPERATORSHIP OF TONSHORE LP.	operations. If the operation resulted and on the file at inspection. DO6, WESTPORT OIL 8 THE ATTACHED WELL	is in a multip d only after a & GAS CC LOCATIO	OMPANY	L.P., I	npletion in a new interva ling reclamation, have be HAS RELINQUISI -McGEE OIL & G	I, a Form 3160-4 shall be filed once ten completed, and the operator has
	APPR	OVED	51	161	06	RECEIVED
	<u>Ca</u>	rlove	Russ	ıll		— —
	Division	of Oil, G	es and Mi	ining		MAY 1 0 2006
	Dariene I	Kussell, E	ngineerin	g Tect	hnician	NIV OF OUR OAR RAMMING
14. I hereby certify that the foregoing	g is true and correct					DIV_OF OIL_GAS & MINING
Name (Printed/Typed)		Title				
BRAD LANEY Signature			IEERING	SPEC	CIALIST	
orginature .		Date May 9,	2006			
	THIS SPACE			TATE U	JSE	
Approved by			itle		Date	
Olack January					5-9	7-06
Conditions of approval, if any, are attacked certify that the applicant holds legated equit which would entitle the applicant to conduct	table title to those rights in the subj	ect lease	ffice		¥ 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemer	it a crime for any person know	vingly and v matter withi	villfully to m n its jurisdict	nake to a tion.	any department or ager	ncy of the United States any



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700 Denver, CO 80202

Oil & Gas

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303,239,3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office
Rider #1 to Bond WY2357

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

TOLOFOL, CAO 2 LINE D

Form 3160-5 (Augus 999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

UTU-02277-B

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

abandoned well	. Use Form 3160-3 (APD)	for suc	h proposals.			
	ICATE – Other instru	ctions	on reverse	e side		CA/Agreement, Name and/or No. BUTTES UNIT
1. Type of Well Oil Well Gas Well	Other				8. Well Name	e and No.
2. Name of Operator					NBU 1021-2	
KERR McGEE OIL AND GAS	ONSHORE LP				9. API Well N	
3a. Address		3b. Ph	one No. (include	area code)	430473796	9
1368 SOUTH 1200 EAST VER	RNAL, UT 84078	435-78	31-7003		10. Field and P	Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T.,	R., M., or Survey Description)				NATURAL I	BUTTES
753' FNL, 2528' FWL					11. County or Parish, State	
NENW, SEC 25-T10S-R21E					UINTAH, U	TAH
12. CHECK A	APPROPRIATE BOX(ES) TO	INDICA	TE NATURE	OF NOTICE, RE	EPORT, OR OT	THER DATA
TYPE OF SUBMISSION			TY	PE OF ACTION		
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair	=	pen ture Treat Construction	Production Reclamation Recomplete		Water Shut-Off Well Integrity Other APD EXTENSION
Final Abandonment Notice	Change Plans Convert to Injection	=	and Abandon Back	Temporarily Water Dispo		DOGM
13. Describe Proposed or Completed Oper						
If the proposal is to deepen directional Attach the Bond under which the work following completion of the involved testing has been completed. Final All determined that the site is ready for final The ODE DATOR DECLIFICATION.	rk will be performed or provide to operations. If the operation result bandonment Notices shall be file al inspection.	the Bond l Its in a mi d only aft	No. on file with ultiple completion or all requirement	BLM/BIA. Requi on or recompletion nts, including recla	red subsequent re in a new interval, amation, have bee	eports shall be filed within 30 days, a Form 3160-4 shall be filed once en completed, and the operator has
THE OPERATOR REQUESTS LOCATION SO THAT THE DR						
APPROVED BY THE DIVISION					SINAL AFD	
ATTROVED BY THE BIVIOLOG	Utah Divis Oil, Gas and	sion of		2000.		3-22-07 RM
	Data: 07.	۰۱ ۸	3 0			RECEIVED
	Date: 05-7	Q.	发			MAR 2 1 2007
14. I hereby certify that the foregoing is t	rue and correct	\mathcal{U}			וס	IV. OF OIL, GAS & MINING
Name (Printed/Typed) RAMEY I	HOOPES	Title	l	REGU	LATORY CL	ERK
Signature RAMIIA	Horas	Date	!	Ma	arch 15, 2007	(
	THIS SPAC	E FOR F	EDERAL OR S	STATE USE		
Approved by			Title		Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equi which would entitle the applicant to conduct	table title to those rights in the sub t operations thereon.	ject lease	Office			
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent stateme	it a crime for any person knownts or representations as to any	wingly a wingly a	nd willfully to vithin its jurisd	make to any depiction.	partment or ager	ncy of the United States any

Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API:	4304737969	
Well Name:		
Location:	NENW, SEC 25-T10S-R21E	GEE OIL AND GAS ONSHORE LP
	Permit Issued: 4/6/2006	GEE OIL AND GAS ONSHORE LP
		ts to drill on the property as permitted
•		n as submitted in the previously
approved app	lication to drill, remains vali	d and does not require revision.
Following is a	checklist of some items rela	ated to the application, which should be
verified.		
•		hip changed, if so, has the surface
agreement be	en updated? Yes□Noเ⊿	
Have any well	s been drilled in the vicinity	of the proposed well which would affect
•	siting requirements for this	• •
	•	ents put in place that could affect the
permitting or c	pperation of this proposed w	/ell? YesLINOLEI
Have there be	en any changes to the acce	ess route including ownership, or right-
	could affect the proposed le	• • • •
Has the appro	ved source of water for drill	ling changed? Yes∟Nol⊌
Have there be	en any physical changes to	the surface location or access route
		what was discussed at the onsite
evaluation? You	es□No⊠	
1 - b	liu ulasa subiah aasawa Abia	
•	•	proposed well? Yes ☑ No □
Dans	Attooped	211.712.21
_ KVW LL	MOUNT	3/15/2007
Signature (Date
Title: Regulato	ry Clerk	RECEIVED
Representing:	TO MAKE OF A C. O. I.	MÅR 2 1 2007
rapresenting.	Kerr McGee Oil & Gas Onshor	DIV. OF OIL, GAS & MINING

RECEIVED

MAR 2 4 2006

RECEIVED

Form 3160-3 (August 1999) BLM VERNAL, UTAH

APR 1 7 2006

FORM APPROVED OMB No. 1004-0136

Expires November 30, 2000

6. If Indian, Allottee or Tribe Name

UNITED STATES BLM VERMAL, UTAH BUREAU OF LAND MANAGEMENT

5. Lease Serial No. UTU-02277-B

AT LIGATION TO AT EXAMIT TO							
1a. Type of Work: X DRILL RE	7. If Unit or CA Agreement, Name and No						
Ta. Type of work. A Dictal	Litten			NATURAL BUTTES UNIT			
		_		8. Lease Name and Wel	l No.		
b. Type of Well: Oil Well X Gas Well Other		Single Zone	Multiple Zone	NBU 1021-25C			
2. Name of Operator				9 API Well No.	7910		
KERR MCGEE OIL AND GAS ONSHORE LP				43.047,3	· · · · · · · · · · · · · · · · · · ·		
3A. Address		lo. (include area co	de)	10. Field and Pool, or Ex			
1368 SOUTH 1200 EAST VERNAL, UT 84078	(435) 781			NATURAL BUTTE			
4. Location of Well (Report location clearly and in accordance with	i any State req	quirements.*)		11. Sec., T., R., M., or B	Ik, and Survey or Area		
At surface NENW 753'FNL, 2528'FWL				0507101105 7400	DO4E		
At proposed prod. Zone				SECTION 25-T10S			
14. Distance in miles and direction from nearest town or post office	*			12. County or Parish UINTAH	13. State		
20.05 MILES SOUTHEAST OF OURAY, UTAH	1.6 31 - 3		17. Spacing Unit de		JUTAH		
15. Distance from proposed* location to nearest	16. No. of A	Acres in lease	17. Spacing Out de	dicated to this well			
property or lease line, ft. (Also to nearest drig, unit line, if any)	1640.00		40.00				
The first of the second of the	10 Dromoso	d Denth	20. BLM/BIA Bond	l No. on file	······································		
to nearest well drilling, completed, NEFER 10	8900'	,d 20p	GO-1203-				
applied for, on this lease, ft. TOPO C			M	1			
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	ow whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start*				ED.		
5298'GL UPON APPROVAL				TO BE DETERMIN	בט		
	24. <i>A</i>	Attachments					
The following, completed in accordance with the requirements of Or	nshore Oil and	Gas Order No. 1, s	shall be attached to the	s form:			
Well plat certified by a registered surveyor.		4. Bond to co	ver the operations un	nless covered by an existing	bond on file (see		
		Item 20 abo	ove).				
2. A Drilling Plan.	Lands the	5. Operator ce	•				
3. A Surface Use Plan (if the location is on National Forest System)	Lands, the	Such other site specific information and/or plans as may be required by the					
SUPO shall be filed with the appropriate Forest Service Office. 6.			authorized office.				
· 10	1			Da	te		
25. Signiture		me (Printed/Typed)			4/17/2006		
HOVILLA JUOJUS	·RA	MEY HOOOE	:5	<u> </u>	7/1//2000		
Tille C							
REGULATORY CLERK		(Duint - 1/T1)		ı Da			
pproved by (Signature) Name (Printed/Typed) Teas Kevalla				1	- /3·2007		
Any Kenny Asserted States Asserted	Offi		CLEA	6	- 75-2001		
Title Assistant Field Manager Lands & Mineral Resources	l	ice					
Lands a wineral nesources	i	10.11.01.01.00.00.00.00	so sights in the subject	t lease which would entitle	the applicant to condu		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those operations thereon.

Conditions of approval, if any, are attached

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

06BM1351A

RECEIVED JUN 1 8 2007





UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr-McGee Oil & Gas Onshore, LP

Location:

NENW, Sec. 25, T10S, R21E

Well No:

NBU 1021-25C

Lease No:

UTU-02277-B

API No: 4

43-047-37969

Agreement:

Natural Buttes Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	
		Fax: (435) 781-4410	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction	-	Forty-Eight (48) hours prior to construction of location and
(Notify Environmental Scientist)		access roads.
Location Completion	-	Prior to moving on the drilling rig.
(Notify Environmental Scientist)		
Spud Notice	-	Twenty-Four (24) hours prior to spudding the well.
(Notify Petroleum Engineer)		
Casing String & Cementing	-	Twenty-Four (24) hours prior to running casing and cementing
(Notify Supv. Petroleum Tech.)		all casing strings.
BOP & Related Equipment Tests	-	Twenty-Four (24) hours prior to initiating pressure tests.
(Notify Supv. Petroleum Tech.)		
First Production Notice	-	Within Five (5) business days after new well begins or
(Notify Petroleum Engineer)		production resumes after well has been off production for more
•		than ninety (90) days.

COAs: Page 2 of 7 Well: NBU 1021-25C

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

GENERAL SURFACE COA

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

SITE SPECIFIC SURFACE CONDITIONS OF APPROVAL

- 4 to 6 inches of topsoil shall be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be re-contoured to natural contours, topsoil
 re-spread where appropriate, and the entire location seeded with the recommended seed mix.
 Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer
 immediately after the dirt work is completed.
- The lessee/operator is given notice that lands in the lease have been identified as containing critical soils. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from during wet or muddy conditions.
- The lessee/operator is given notice that lands in the lease have been identified as containing crucial pronghorn (antelope) habitat. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from May 15 through June 20. A survey may be conducted by a qualified biologist or a BLM representative during this timing period to determine if pronghorn are in the area.
- The lessee/operator is given notice that lands in the lease have been identified as containing golden eagle nesting habitat. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from February 1st to July 15th. A survey may be conducted by a qualified biologist or a BLM representative during this timing period to determine if golden eagles are in the area.
- As discussed on the onsite conducted on March 2, 2006 all fill and excess material will be kept out of all drainages.

COAs: Page 3 of 7 Well: NBU 1021-25C

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- A variance is granted for O.O. #2 III. E. 1.
 - . The blooie line shall be straight or have targeted tees for bends in the line.
 - . Not requiring an automatic igniter or continuous pilot on the blooie line
 - . If a mist system is used, the requirement for a deduster shall be waived.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
 daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas
 Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
 performed by a test pump with a chart recorder and NOT by the rig pumps. Test shall be
 reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

COAs: Page 4 of 7 Well: NBU 1021-25C

• The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office
 on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is
 completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

COAs: Page 5 of 7 Well: NBU 1021-25C

OPERATING REQUIREMENT REMINDERS:

• All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - o Operator name, address, and telephone number.
 - o Well name and number.
 - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - O Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

COAs: Page 6 of 7 Well: NBU 1021-25C

• Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior
 approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
 before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

COAs: Page 7 of 7 Well: NBU 1021-25C

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

UTU-02277-B

Do not use this abandoned well.	6. If Indian, A	llottee or Tribe Name		
SUBMIT IN TRIPLI	CATE – Other instru	ctions on reverse side		A/Agreement, Name and/or No.
1. Type of Well				BUTTES UNIT
Oil Well X Gas Well	Other		8. Well Name	
2. Name of Operator			NBU 102	1-25C
KERR-McGEE OIL & GAS C	DNSHORE LP		9. API Well N	Io.
3a. Address		3b. Phone No. (include area c	ode) 430473796	9
1368 SOUTH 1200 EAST V	'ERNAL, UT 84078	(435) 781-7024	10. Field and P	ool, or Exploratory Area
4. Location of Well (Footage, Sec., T	C., R., M., or Survey Descriptio	n)	NATURAL	BUTTES
			11. County or I	Parish, State
NE/NW SEC. 25, T10S, R21	IE 753'FNL, 2528'FW	L	UINTAH C	OUNTY, UTAH
12. CHECK APPI	ROPRIATE BOX(ES) TO	NDICATE NATURE OF NO	TICE, REPORT, OR O	THER DATA
TYPE OF SUBMISSION		TYPE OF .	ACTION	
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair	Fracture Treat R	roduction (Start/Resume) eclamation ecomplete	Water Shut-Off Well Integrity Other WELL SPUD
Subsequent Report	Change Plans		ecomplete emporarily Abandon	Other WELL SPOD
Final Abandonment Notice	Convert to Injection	= " =	ater Disposal	
13. Describe Proposed or Completed Oper If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab	lly or recomplete horizontally, g is will be performed or provide operations. If the operation resu	ive subsurface locations and measur the Bond No. on file with BLM/BI lts in a multiple completion or reco	ed and true vertical depths of A. Required subsequent re- impletion in a new interval,	of all pertinent markers and zones. Don'ts shall be filed within 30 days a Form 3160-4 shall be filed once

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. R AN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 11/10/2007 AT 0800 HRS.

determined that the site is ready for final inspection.

		<u> </u>		
14. I hereby certify that the foregoing is true and correct				
Name (Printed/Typed)	Title			
SHEILA UPCHEGO	SENIOR LAND ADMIN SPECIALIST			
Date November 12, 2007				
THIS SPACE I	FOR FEDERAL OR STAT	E USE		
Approved by	Title	Date		
Conditions of approval, if any, are attached. Approval of this notice does not was certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.				
Title 18 U.S.C. Section 1001, make it a crime for any person know	ingly and willfully to make	e to any department or agency of the principle of the pri		

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

UTU-02277-B

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

				_1.	
SUBMIT IN TRIPLI	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A				
1. Type of Well				NATURAL BU	JTTES UNIT
Oil Well X Gas Well	Other			8. Well Name and	d No.
2. Name of Operator				NBU 1021-	25C
KERR-McGEE OIL & GAS (DNSHORE LP			9. API Well No.	
3a. Address		3b. Phone No. (includ	e area code)	4304737969	
1368 SOUTH 1200 EAST V	ERNAL, UT 84078	(435) 781-7024		10. Field and Pool,	, or Exploratory Area
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description	on)		NATURAL BUTTES	
				11. County or Paris	sh, State
NE/NW SEC. 25, T10S, R21	IE 753'FNL, 2528'FW	L'L		UINTAH COUNTY, UTAH	
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NATURE	OF NOTICE, R	EPORT, OR OTH	IER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION	1	
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production Reclamatic	_	
_	Change Plans	Plug and Abandon	= :	y Abandon	CSG
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disp	oosal	
13. Describe Proposed or Completed Oper If the proposal is to deepen directiona Attach the Rond under which the wor	lly or recomplete horizontally, g	give subsurface locations and	d measured and tr	ne vertical depths of al	ll pertinent markers and zones.

following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU BILL MARTIN AIR RIG ON 11/13/2007. DRILLED 12 1/4" SURFACE HOLE TO 2050'. RAN 9 5/8" 45 JTS OF 32.3# H-40 AND 2 JTS OF 36# J-55 SURFACE CSG. LEAD CMT W/150 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS RETURNS 23 +/- BBL LEAD CMT TO PIT. RAN 200' OF 1" PIPE. CMT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD CMT TO SURFACE AND FELL BACK. TOP OUT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT

14. I hereby certify that the foregoing is true and correct				
Name (Printed/Typed)	Title			
SHEILA UPCHEGO	SENIOR LAND ADMIN SPECIALIST			
Signatur WWW WM (MelM)	Date November 26, 200	7		
AHIS SPACE F	OR FEDERAL OR STA	re use		
Approved by	Title	Date		
Conditions of approval, if any, are attached. Approval of this notice does not want certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.				
Title 18 U.S.C. Section 1001, make it a crime for any person knowing				

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

UTU-02277-B

BUREAU OF LAND MANAGEMENT 5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A					
1. Type of Well	NATURAL	BUTTES UNIT				
Oil Well X Gas Well	Other	·		8. Well Name	and No.	
2. Name of Operator				NBU 102	1-25C	
KERR-McGEE OIL & GAS (ONSHORE LP			9. API Well N	√o.	
3a. Address		3b. Phone No. (includ	e area code)	430473796	9	
1368 SOUTH 1200 EAST V	/ERNAL, UT 84078	(435) 781-7024		10. Field and F	ool, or Exploratory Area	
4. Location of Well (Footage, Sec., 7	Γ., R., M., or Survey Descriptio	on)		NATURAL	BUTTES	
				11. County or 1	Parish, State	
NE/NW SEC. 25, T10S, R21	1E 753'FNL, 2528'FW	'L	**	UINTAH COUNTY, UTAH		
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NATURE	OF NOTICE, I	REPORT, OR C	THER DATA	
TYPE OF SUBMISSION		TYF	E OF ACTIO	N		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production Reclamati	n (Start/Resume) on	Water Shut-Off Well Integrity	
X Subsequent Report	Casing Repair	New Construction	Recomple	te	Other FINAL DRILLING	
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	Temporari	ily Abandon posal	OPERATIONS	
13. Describe Proposed or Completed Oper						

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2050' TO 8858' ON 12/07/2007. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/410 SX PREM LITE II @11.4 PPG 2.91 YIELD. TAILED CMT W/1100 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG BUMP PLUG 500 PSI OVER PMP PRESS CHECK FLOATS FLOATS HELD. 15 BBLS CMT TO PIT. SET SLIPS N/D BOP CUT OFF CSG. CLEAN PITS.

RELEASE ENSIGN RIG 12 ON 12/09/2007 AT 11:30 AM.

14. I hereby certify that the foregoing is true and correct			•			
Name (Printed/Typed)	Title					
SHEHA UPCHEGO	SENIOR LAND	ADMIN SPECIALI	ST			
Matural Marian	Date December 11, 20	007				
THIS SPACE FOR FEDERAL OR STATE USE						
Approved by	Title	D	ate			
Conditions of approval, if any, are attached. Approval of this notice does not warracertify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.						
Title 18 U.S.C. Section 1001, make it a crime for any person knowing false, fictitious or fraudulent statements or representations as to any magnetic factors.			or agency of the United States any			

(Instructions on reverse)

DEC 1 4 2007

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

BUREAU OF LAND MANAGEMENT 5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

UTU-02277-B

SOMPK!	10 HCES AND KEFORT	3 ON WELLS		O 1 O - 02211
Do not use this abandoned well.	6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRIPLI	CATE – Other instru	ctions on reverse	side	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A
1. Type of Well	_			NATURAL BUTTES UNIT
Oil Well X Gas Well	Other	·		8. Well Name and No.
2. Name of Operator				NBU 1021-25C
KERR-McGEE OIL & GAS ()NSHORE LP			9. API Well No.
3a. Address		3b. Phone No. (include	e area code)	4304737969
1368 SOUTH 1200 EAST V	'ERNAL, UT 84078	(435) 781-7024		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description	n)		NATURAL BUTTES
				11. County or Parish, State
NE/NW SEC. 25, T10S, R21	E 753'FNL, 2528'FW	<u></u>		UINTAH COUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	INDICATE NATURE (OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYP	E OF ACTION	
Notice of Intent✓ Subsequent Report✓ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production Reclamatio Recomplete Temporaril Water Disp	Other PRODUCTION START-UP
If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved	Illy or recomplete horizontally, gick will be performed or provide to operations. If the operation results and onment Notices shall be file	ive subsurface locations and the Bond No. on file with l alts in a multiple completion	measured and tru BLM/BIA. Requit or recompletion	ny proposed work and approximate duration thereof. e vertical depths of all pertinent markers and zones. red subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once mation, have been completed, and the operator has
THE SUBJECT WELL LOCA	ATION WAS PLACED	ON PRODUCTION	N ON 01/19/2	2008 AT 9:25 AM.
PLEASE REFER TO THE A	TTACHED CHRONOL	OGICAL WELL HI	STORY.	

14. I hereby certify that the foregoing is true and correct				
Name (Printed/Typed)	Title			
SHEILA UPCHEGO	SENIOR LAND ADMIN SPECIALIST			
Signature Mulling Mulling	Date January 22, 2008	3		
THIS SPACE FO	OR FEDERAL OR STA	ATE USE		
Approved by	Title	Date		
Conditions of approval, if any, are attached. Approval of this notice does not warre certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.				
Title 18 U.S.C. Section 1001, make it a crime for any person knowing false, fictitious or fraudulent statements or representations as to any magnetic factors.			,	

(Instructions on reverse)

JAN 28 2008



Anadarko Petroleum Corporation 1368 South 1200 East Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 1021-25C

LOCATION NENW SEC.25, T10S, R21E UINTAH COUNTY, UT

DATE 10/12/07	ACTIVITY LOCATION STARTED	ENSIG	3N 12	STATUS	
11/08/07	LOCATION COMPLETED	ENSIG	SN 12	P/L IN, WOBR	
11/13/07	SET AIR RIG	ENSIG	SN 12	DRILL	
11/21/07	9-5/8" @ 2025'	ENSIG	3N 12	WORT	•
11/29/07	TD: 2050' Csg. 9 5/8' RDRT and move to NBU 10		MW: 8.4	SD: 11/XX/07	DSS: 0
11/30/07	TD: 2050' Csg. 9 5/8' RURT. NU and test BOPE.			SD: 11/XX/07	DSS: 0
12/03/07	TD: 5901' Csg. 9 5/8' Rotary spud @ 0030 hrs 11				DSS: 0
12/04/07	TD: 6738' Csg. 9 5/8' Drill from 5901'-6738'. DA.	'@ 2025'	MW: 10.3	SD: 11/30/07	DSS: 4
12/05/07	TD: 7490' Csg. 9 5/8' Drill from 6738'-7490'. DA.	@ 2025'	MW: 10.9	SD: 11/30/07	DSS: 5
12/06/07	TD: 7763' Csg. 9 5/8' Drill from 7490'-7763'. TFN				DSS: 6
12/07/07	TD: 8550' Csg. 9 5/8' Drill from 7763'-8550'. DA			SD: 11/30/07	DSS: 7

12/10/07

TD: 8858' Csg. 9 5/8"@ 2025' MW: 11.9 SD: 11/30/07 DSS: 10 Drill from 8550'-8858' TD. Short trip and LDDS. Run Triple Combo. Run and cement 4 $\frac{1}{2}$ " Production Casing. Set slips and release rig @ 1130 hrs 12/9/07. RDRT.

12/11/07

TD: 8858' Csg. 9 5/8"@ 2025' MW: 11.9 SD: 11/30/07 DSS: 10 RDRT and move to NBU 1021-13G.

01/03/07 MIRU

Days On Completion: 1

Remarks: MIRU FRAC VALVES & WH STAND, BLUE MTN. MIRU DBL JACK TESTERS. PT CSG & FRAC VALVES TO 7500 PSI. (GOOD TEST). RDMO DBL JACK. SWI, SDFN. PREP WELL TO FRAC W/ BJ SERVICES ON WED., 1/09/2008.

01/07/08 Perf Stage #1

Days On Completion: 5

Remarks: DAY 2 - JSA #2 MIRU CUTTERS. RIH W/PERF GUN TO PERF THE MV @ 8702' - 8708' & 8752' - 8756' USING 3 3/8" EXP. GUN, 23 gm, 0.36, 90 DEG. PHS, 4SPF, 40 HOLES. WHP = 0 TAGGED FILL @ 8722. (34' ABOVE BOTTOM PERF). POOH & LD GUNS. RD CUTTERS. SWI - SDFN. PREP WELL TO MOVE IN WO RIG ON 1/9/08 TO CLEAN OUT.

01/08/08 MI Rig

Days On Completion: 6

Remarks: MOVE IN LEED 733 WORKOVER RIG, SPOT EQUIP, ON LOC. SDFN.

01/09/08 RIH W/MILL TO CLN OUT

Days On Completion: 7

Remarks: (DAY 3) JSA # 3 R/U LEED RIG 733 AND EQUIP. N/D FRAC VALVE, N/U BOP, R/U FLOOR & TBG EQUIP. P/U 3- 7/8" MILL AND JTS NEW 2-3/8" J-55 TBG W/ PICKING UP OFF TRAILER. RIH 197 JTS 2-3/8" TBG TO 6204', PULLED OUT 3 STANDS TO DROP WATER TABLE. SWIFN..

01/10/08 FRAC & PERFORATE

Days On Completion: 8

Remarks: (DAY 4) JSA # 4 NO PRESSURE ON WELL, TALLY & PICK UP TBG, TIH TAG PBTD AT 8798'. HOOK UP PUMP CIRC WELL W/ 2 % KCL WATER. TOOH W/ 2-3/8" TBG STANDING IN DERRICK. RDBOP'S & RU FRAC VALVES. MIRU B&C QUICK TEST, TEST CSG. & FRAC VALVES TO 7500 PSI (GOOD TEST). RDMO B&C QUICK TEST. MIRU CUTTERS

STG 1) RIH W/PERF GUN & PERF THE MV @ 8752' - 8756' & 8702' - 8708' USING 3 1/8'' EXP GUN, 23gm, 0.36 HOLE, 90 DEG PHS, 4SPF, 40 HOLES. WHP = 0 SWI - SDFN PREP WELL FOR FRAC W/BJ SERVICES 01/11/08.

01/11/08 FRAC

Days On Completion: 9

Remarks: DAY 5 - JSA #5 MIRU BJ SERVICES, HLD SAFETY MTG. PT SURFACE UNITS TO 8500 PSI.

STG 1) WHP 750 PSI, BRK 4715 PSI, @ 5 BPM, ISIP 3883 PSI, FG 0.80. PMPD 157 BBLS @ 46 BPM @ 3280 PSI = 40 OF 40 HOLES OPEN. MP 6170 PSI, MR 46.8 BPM, AP 5080 PSI, AR 45.7 BPM, ISIP 2819 PSI, FG 0.77 NPI (-1064), PMPD 751 BBLS SLICK WATER, 16,998# OWATTA, 5720# TLC.

STG 2) RIH W 3 1/8" EXP GNS, 23 gm, 0.36 HOLES, 90 & 120 DEG PHASING. SET 8K CBP @ 8498' & PERF 8465' - 68' 4 SPF, 8303' - 06', 4 SPF, 8273' - 80' 3 SPF, 45 HOLES. WHP = 1345 PSI, BRK 4715 PSI @ 5 BPM, ISIP 2775 PSI, FG = 0.78. MP 6170 PSI, MR 51.5 BPM, AP 5080 PSI, AR 45.7 BPM, ISIP 3020 PSI, FG 0.81NPI 245 PSI, PMPD 1550 BBLS SLICK WATER, 49586 LBS OWATTA, 4861 LBS TLC.

STG 3) RIH W 3 1/8" EXP GNS, 23 gm, 0.36 HOLES, 90 & 120 DEG PHASING. SET 8K CBP @ 8206' & PERF 8170' - 76' 4 SPF, 8125' - 30', 3 SPF, 8114' - 16' 3 SPF, 45 HOLES. WHP = PSI2611, BRK 3967 PSI @ 3 BPM, ISIP 2716 PSI, FG = 0.78 MP 4805 PSI, MR 50.4 BPM, AP 4432 PSI, AR 49.7 BPM, ISIP 3020 PSI, FG 0.81 NPI (-110), PMPD 1245 BBLS SLICK WATER, 34,542 LBS OWATTA, 4710 LBS TLC.

STG 4) RIH W 3 1/8" EXP GNS, 23 gm, 0.36 HOLES, 90 & 120 DEG PHASING. SET 8K CBP @ 7548' & PERF 7511' - 18' 4 SPF, 7290' - 96', 3 SPF, 46 HOLES. SWI - SDFN FREEZE PROTECT WELL, PREP TO CONT. FRACS IN AM 01/12/08.

01/12/08

Frac

Days On Completion: 10 Remarks: DAY #6 - JSA #6

STG 4) OVERNIGHT SICP = 1350 PSI BRK 3459 PSI @ 3 BPM, ISIP 2026 PSI, FG = 0.72 MP 4305 PSI, MR 51.6 BPM, AP 4111 PSI, AR 50.6 BPM, ISIP 2355 PSI, FG 0.76 NPI 329, PMPD 1289 BBLS SLICK WATER, 40900 LBS OWATTA, 3530 LBS TLC.

STG 5) RIH W 3 1/8" EXP GNS, 23 gm, 0.36 HOLES, 90 & 120 DEG PHASING. SET 8K CBP @ 7192' & PERF 7159' - 62', 4 SPF, 7088' - 92', 3 SPF, 7032' - 35', 4 SPF, 6974' - 76, 3 SPF, 42 HOLES. WHP = 1458 PSI, BRK 2780 PSI @ 3 BPM, ISIP 1905 PSI, FG = 0.71 MP 3664 PSI, MR 50.5 BPM, AP 3557 PSI, AR 50.2 BPM, ISIP 2378 PSI, FG 0.78 NPI 473, PMPD 2935 BBLS SLICK WATER, 106105 LBS OWATTA, 5428 LBS TLC.

STG 6) RIH W 3 1/8" EXP GNS, 23 gm, 0.36 HOLES, 90 & 120 DEG PHASING. SET 8K CBP @ 6800' & PERF 6760' - 70', 40 HOLES. WHP = 1216 PSI, BRK 2984 PSI @ 3 BPM, ISIP 1855 PSI, FG = 0.72 MP 0000 PSI, MR 00 BPM, AP 0000 PSI, AR 00 BPM, ISIP 2648 PSI, FG 0.84 NPI 793, PMPD 1561 BBLS SLICK WATER, 00000 LBS OWATTA, 0000 LBS TLC.

KILL PLUG) RIH SET 8K BAKER CBP @ 6710' RDMO CUTTERS & BJ SERVICES. SWI - SDFN

01/14/08

Drill CBP & Land

Days On Completion: 12

Remarks: (DAY 7) JSA # 7. P/U 3-7/8" BIT, POBS,1-JT 2-3/8" TBG, TIH W/ 2-3/8" TBG, TAG CBP AT 6710', LAYED DN.20 JTS TBG ,POWER SWIVEL WOULD NOT RUN, WAIT 3 HR. FOR POWER SWIVEL FROM R & W RENTAL, R/U POWER SWIVEL, BROKE CIRC. P.T. BOP TO 2500 # OK

(DRLG CBP # 1) 6675' DRILL OUT CBP IN 5 MIN. , CSG FLOWING PRESSURE 50 #. RIH TAG AT 6790', C/O 10' OF SAND. (DRLG CBP # 2) 6800 ' DRILL OUT BAKER 8 K CBP IN 10 MIN., W/ CSG FLOWING PRESSURE 75 #. RIH TAG AT 7182', C/O 10' OF SD. (DRLG CBP # 3) 7192 ' DRILL OUT BAKER 8 K CBP IN 20 MIN..75 # DIF. RIH TAG @ 7500'. FCP 150 #.

TOOH 16 STANDS, TO 6700' SHUT WELL IN. HAVE 3 MORE CBPTO DRILL OUT IN AM. SDFN.

01/15/08

Drill CBP & Land

Days On Completion: 13

Remarks: (DAY 8) JSA # 8 AIR HEATER WENT DOWN OVER NIGHT. WELL AND BOP FROZE UP. THAW OUT WELL. WHP 1100 PSI, BLOW PRESSURE OFF. TIH TAG AT7530' C/O 18' OF SAND FCP = 150 #. (DRLG CBP # 4) 7548', DRILL OUT BAKER 8 K CBP IN 45 MIN. 25 # DIFF. RIH TAG SAND @ 8174', C/O 32' SD. FCP = 200 #. (DRLG CBP # 5) 8206', DRILL OUT BAKER 8 K CBP IN 10 MIN.50 # DIF. RIH TAG SAND @ 8467', C/O 31' SD. FCP = 300 #. (DRLG CBP # 6) 8498', DRILL OUT BAKER 8 K CBP IN 10 MIN. 25 # DIF. RIH TAG SAND @ 8781', C/O 32 ' SD TO PBTD 8813', FCP = 350 #. AVG 15 MIN / CBP. C/O 142 ' SAND.

POOH LAY DOWN 39 JTS ON TRAILER, LANDED TBG ON HANGER W 241 JTS. EOT @ 7587.61', BIG R NIPPLE @ 7556.21'. R/D FLOOR & TBG EQUIP. FCP = 350 #. ND/BOP, NU/WH. DROP BALL DN TBG & PUMP OFF BIT @ 1800 #. NO SHOW THAT BIT WAS PUMP OFF. WAIT 30 MIN FOR BIT TO FALL TO BTM. OPEN WELL UP TO FBT, FTP = 0 #, SICP 1100 #. TBG STARTED TO FLOW, FLOW BACK @ 75 BBLS WTR THEN STARTED TO UNLOAD. OPEN WELL TO FBT ON 20/64 CHOKE. FTP = 900 #, SICP 1600 # . 7:00 PM WTR LTR 8778 BBLS. TURN WELL OVER TO FBC, DRAIN UP LINE RACK OUT EQUIP.

287 JTS DELV. 241 JTS LANDED 45 JTS RETURNED 1 JT SCRAP IRON PILE

- 01/16/08 FLOWBACK REPORT: CP 1500#, TP 1000#, CK 20/64", 60 BWPH, LOAD REC'D 810 BBLS, REMAINING LTR 8311 BBLS
- 01/17/08 FLOWBACK REPORT: CP 2400#, TP 700#, CK 20/64", 25 BWPH, LOAD REC'D 810 BBLS, REMAINING LTR 7501 BBLS
- 01/18/08 FLOWBACK REPORT: CP 2300#, TP 1200#, CK 20/64", 25 BWPH, LOAD REC'D 600 BBLS, REMAINING LTR 6191 BBLS
 ON SALES: 0 MCF. 0 BC, 600 BW, TP: 1200#, CP: 2300#, 20/64 CHK, 24 HRS, LP: 175167#.
- **01/19/08 FLOWBACK REPORT:** CP 2200#, TP 12#, CK 20/64", 20 BWPH, LOAD REC'D 550 BBLS, REMAINING LTR 5641 BBLS

Form 3160-4 (August 1999)

la. Type of Well

b. Type of Completion:

At top prod. interval reported below

MD

2. Name of Operator

At surface

At total depth

11/10/07

14. Date Spudded

18. Total Depth:

CBL-CCL-GR

Hole Size Size/Grade

14"

9 5/8"

4 1/2'

Depth Set (MD)

7588

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Hours

Tested

Csg.

Press.

Hours

Tested

Csg.

Press

24

1964#

Test

24 Hr.

Rate

Test

24 Hr.

Rate

Production

Production

Formation

MESAVERDE

Depth Interval

20"

12 1/4"

7 7/8'

2 3/8"

A) B)

<u>C)</u> D)

Date First

Produced

18/64

Date First

Produced

Choke

Size

Choke

Size

24. Tubing Record Size

25. Producing Intervals

MSWVD

28. Production - Interval A

Test

Date

Tbg. Press.

Flwg. 1490#

01/19/08 01/22/08

SI

28a. Production - Interval B

Test

Date

Flwg. SI

Tog. Press.

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB NO. 1004-0137

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Dry Dry

Deepen Plug Back

01/19/08

88131

Diff. Resvr.

3a. Phone No. (include area code)

No. of Sks. &

Type of Cement

28 SX

575 SX 1510 SX

Size

0.36

Amount and type of Material

Gas

Gas

Gravity

Well Status

Gravity

Well Status

Depth Set (MD) Packer Depth (MD)

26. Perforation Record

Perforated Interval

6760'-8756'

Oil Gravity

Corr. API

Oil Gravity

Corr. API

Oil Gravity

Corr. API

Oil Gravity

Corr. API

(435) 781-7024

Work Over

NE/NW 753'FNL, 2528'FWL

19. Plug Back T.D.:

Bottom (MD)

40'

2050'

8858

Size

Bottom

8756'

Water

500

500

BBL

Water

BBL

Water

BBL

Water

BBI.

MD

TVD

CPD.CDN.TCQL

Stage Cementer

Depth

Oil Well X Gas

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*

15. Date T.D. Reached

12/07/07

Top (MD)

Packer Depth (MD)

Top

6760'

Oil

BBL

Oil

BBL

Oil

BBL

Oil

BRI.

0

0

Gas

MCF

MCF

Gas

MCF

Gas

MCF

3,266

3266

88581

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

23. Casing and Liner Record (Report all strings set in well)

Wt. (#/ft.)

36.7#

32.3# 36#

11.6#

KERR-MCGEE OIL & GAS ONSHORE LP

New New

Other

Expires: November 30, 2000 5. Lease Serial No. UTU-02277-B 6. If Indian, Allottee or Tribe Name 7. Unit or CA Agreement Name and No. UNIT #891008900A 8. Lease Name and Well No. NBU 1021-25C 9. API Well No. 4304737969 10. Field and Pool, or Exploratory NATURAL BUTTES 11. Sec., T., R., M., or Block and Survey or Area SEC. 25, T10S, R21E 12. County or Parish 13. State UINTAH **UTAH** 16. Date Completed

Ready to Prod. 17. Elevations (DF, RKB, RT, GL)* 5298'GL 20. Depth Bridge Plug Set: MD TVD Was well cored? No Yes (Submit copy) Was DST run? 🔯 No Yes (Submit copy) Directional Survey? 🔼 No ☐ Yes (Submit copy) Slurry Vol. Cement Top* Amount Pulled (BBL) Size Depth Set (MD) Packer Set (MD) No. Holes Perf. Status 258 OPEN DIV. OF OIL, GAS & MINING Production Method FLOWS FROM WELL PRODUCING GAS WELL Production Method

•										
28b. Production - Interval C										
Date First		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API			
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas : Oil	Well Status		
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio			
28c. Pro	duction - Inte	rval D	<u> </u>	<u> </u>						
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Соп. АРІ			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		•
	SI			<u> </u>		<u></u>				
	osition of Gas	s (Sold, use	d for fuel, v	ented, etc.)						
SOLD 30. Sum	mary of Porou	is Zones (I	nclude Aqui	fers):				31 Formatio	n (Log) Markers	
	-	•	_					31. Tormatio	ii (LOE) Warkers	
							d all drill-stem			
	ecoveries.	риі іністуа	i iesiea, cusi	non usea, un	пе ион орен,	, nowing and	shut-in pressures	1		
		1	Τ	Τ						Тор
For	rmation	Тор	Bottom		Descript	tions, Content	ts, etc.		Name	Meas, Depth
							-			
WASA	TCU	4935'	6742'							
	VERDE	6742'	0742							
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32. Addi	tional remark	s (include j	plugging pro	cedure):						
	e enclosed att									
	ectrical/Mecl	_				Geologic Rep		T Report	4. Directional Survey	
5. Sundry Notice for plugging and cement verification 5. Core Analysis 7. Other:										
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*										
	,,		3		-				(,
Name	(please print	SHEIL	_A UPC	IEGO			Title	SENIOR I	AND ADMIN SPE	CIALIST
	promo prun,	17.	.//		11.				· · · · · · · · · · · · · · · · · · ·	
Signa	ture /	M	11	MM		7)	Date	02/06/08		
				100						
Title 18 U	.S.C. Section	1001 and T	itle 43 U.S.0	C. Section 121	12, make it a	crime for any	person knowingly a	and willfully to ma	ke to any department or ag	ency of the United

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

6. If Indian, Allottee or Tribe Name

5. Lease Serial No.

UTU-02277-B

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

abandoned well.	Use Form 3160-3 (APD)	for suc	h proposals	5.	
	CATE - Other instruc	ctions	on reverse	e side	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A
1. Type of Well	□				NATURAL BUTTES UNIT
Oil Well X Gas Well	Other				8. Well Name and No.
2. Name of Operator					NBU 1021-25C
KERR-McGEE OIL & GAS (DNSHORE LP			·	9. API Well No.
3a. Address			one No. (includ	le area code)	4304737969
1368 SOUTH 1200 EAST V		, ,	781-7024		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description	1)			NATURAL BUTTES
NE/NW SEC. 25, T10S, R21	IE 753'FNL, 2528'FWI	<u>'</u> _			11. County or Parish, State UINTAH COUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICA:	E NATURE	OF NOTICE, R	REPORT, OR OTHER DATA
TYPE OF SUBMISSION				PE OF ACTION	
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair				n (Start/Resume) Water Shut-Off on Well Integrity
	Change Plans		and Abandon		ly Abandon
Final Abandonment Notice	Convert to Injection	=	; Back	Water Disp	
following completion of the involved	operations. If the operation result bandonment Notices shall be file	lts in a m	ltiple completion	n or recompletion	ired subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once amation, have been completed, and the operator has
THE OPERATOR REQUES THE OPERATOR PROPOS REQUESTS AUTHORIZATI THE EXISTING MESAVERE 3 WEEKS OF THE WASATO	ES TO RECOMPLETE ON TO COMMINGLE DE FORMATION. THE	THE N	NASATCH	FORMATIO	ON. THE OPERATOR RMATION ALONG WITH JT PLUGS WITHIN COPY SENT TO OPERATOR
PLEASE REFER TO THE A	TTACHED RECOMPL	ETION	PROCEDI	JRE.	Date: 10 : 23 : 2008 Initials: 45
14. I hereby certify that the foregoing Name (Printed/Typed) SHFIL A UPCHEGO	is true and correct	Dat	GULATORY	Y ANALYST	
[[[[[[[[[[[[[[[[[[[[////////		ober 7, 200		
	THIS SPACE	FURF	EDERAL OR	STATE USE	Data
Approved by \)	WI		Title Pet_	Eng	Date 10/2/10/50
Conditions of approval, if any, are attached certify that the applicant holds legal or equi which would entitle the applicant to conduct	table title to those rights in the sub		Office O	SW	Action Is Necessary

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Name: NBU 1021-25C

Location: NE NW Sec 25 T10S R21E

Uintah County, UT

Date:

09/29/2008

ELEVATIONS:

5298 GL

5312 KB

TOTAL DEPTH:

8858

PBTD: 8814

SURFACE CASING: PRODUCTION CASING:

9 5/8", 36# J-55 ST&C @ 2025' 4 1/2", 11.6#, I-80 LT&C @ 8858'

Marker Joint 4161-4174'

TUBULAR PROPERTIES:

	BURST	COLLAPSE	DRIFT DIA.	CAPACITIES	
	(psi)	(psi)	(in.)	(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55	7,700	8,100	1.901"	0.00387	0.1624
tbg					
4 ½" 11.6# I-80	7780	6350	3.875"	0.0155	0.6528
(See above)					
2 3/8" by 4 ½"				0.0101	0.4227
Annulus					

TOPS:

985' Green River Estimated logs did not go high enough

1714' Mahogany Estimated logs did not go high enough

4140' Wasatch

6742' Mesaverde

Estimated T.O.C. from CBL @3300

GENERAL:

- A minimum of 6 tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Weatherfords Induction-Density-Neutron log dated 12/8/2007
- 2 fracturing stages required for coverage.
- Procedure calls for 2 CBP's (8000 psi) and 1 Flow Through Plug
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and ½ the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, Slickwater frac.
- Maximum surface pressure 6200 psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump 20/40mesh resin coated sand last 5,000# of all frac stages
- Tubing Currently Landed @~7587
- Originally completed on 1/10/2008

Existing Perforations:

MESAVERDE	6760	6770	4	40
MESAVERDE	6974	6976	3	6
MESAVERDE	7032	7035	4	12
MESAVERDE	7088	7092	3	12
MESAVERDE	7290	7296	3	18
MESAVERDE	7511	7518	4	28
MESAVERDE	7159	7162	4	12
MESAVERDE	8114	8116	3	6
MESAVERDE	8125	8130	3	15
MESAVERDE	8170	8176	4	24
MESAVERDE	8273	8280	3	21
MESAVERDE	8303	8306	4	12
MESAVERDE	8465	8468	4	12
MESAVERDE	8702	8708	44	24
MESAVERDE	8752	8756	4	16

PROCEDURE:

- 1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
- 2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7587'). Visually inspect for scale and consider replacing if needed.
- 3. If tbg looks ok consider running a gauge ring to 6283 (50' below proposed CBP). Otherwise P/U a mill and C/O to 6283 (50' below proposed CBP).
- 4. Set 8000 psi Flow Through Plug at ~ 6233 '. Pressure test BOP and casing to 6000 psi. .
- 5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	6127	6130	3	9
WASATCH	6162	6166	3	12
WASATCH	6196	6203	3	21

- 6. Breakdown perfs and establish injection rate (<u>include scale inhibitor in fluid</u>). Fracture as outlined in Stage 1 on attached listing. Under-displace to ~6077' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 7. Set 8000 psi CBP at ~5580'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone From To spf # of shots WASATCH 5535 5550 3 45

- 8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~5485' and flush only with recycled water. NOTE RATE IS 40 BPM
- 9. Set 8000 psi CBP at ~5485'.
- 10. TIH with 3 7/8" mill, sliding sleeve, SN and tubing.
- 11. Mill plugs (DO NOT DRILL ISOLATION PLUG @ 6233') and clean out to 6233. Land tubing at ±5505' and open sleeve unless indicated otherwise by the well's behavior. This well will NOT be commingled at this time.
- 12. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.
- 13. RDMO
- 14. MIRU
- 15. Mill isolation plug and commingle well. Land tubing at ~8243'
- 16. RDMO

For design questions, please call Curtis Caile, Denver, CO (406)-490-2742 (Cell) (720)-929-6194 (Office)

For field implementation questions, please call Robert Miller, Vernal, UT 4350781 7041 (Office)

NOTES:

Fracturing Schedules NBU 1021-25C

Slickwater Frac

0

Ω

		Feet	Pe	erfs			Rate	Fluid	Initial	Final	Fluid	Volume	Cum Vol	Fluid % of	Sand	Sand	Cum. Sand	Footage from CBP to	Scale Inhib.,
Stage	Zone	of Pay	Top, ft.	Bot., ft	SPF	Holes	BPM	Туре	ppg	ppg		BBLs	BBLs	frac	% of frac	lbs	lbs	Flush	gal.
1	WASATCH	1	6127	6130	3	Q	Varied	Pump-in test			Slickwater	0	0					# 400	
i	WASATCH	1	6162)			ISIP and 5 min ISIP			Olichwarer								36
	WASATCH	1	6196			1	ĺ	Slickwater Pad			Slickwater	205	205	15.0%	0.0%	0	Û		26
	WASATCH	6		No Perfs		21		Slickwater Ramp	0.25	125	Slickwater	F		50.0%	1	21,516	21,516		43
1	WASATCH	1		No Perfs				Slickwater Ramp	1.25		Slickwater		1	ĺ					0
1	WASATCH	1		No Perfs				Flush (4-1/2")	1,20	_	2	94					54,148		36
	WASATCH	. (ISDP and 5 min ISDI)]										141
	THUMBOU	•						100) 8110 1111111111							gal/ft	2,250	2,123	lbs sand/ft	
		26		# of Perf	ı s/stage	42						F	iush depth	6077	1	P depth		497	
							30.4	< Above pump time	(min)										
2	WASATCH	'	5535	5550	3	45	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	{	ì	No Perfs			0	ISIP and 5 min ISIP											E
	WASATCH	,	}	No Perfs			40	Slickwater Pad			Slickwater	[77	77	15.0%	0,0%	0	0		10
	WASATCH	,		No Perfs			40	Slickwater Ramp	0.25	1.25	Slickwater	257	334	50.0%	39.7%	8,086	8,086		16
	WASATCH	1)				40	Slickwater Ramp	1.25		Slickwate	L.	1	1	60.3%	12,264	1		0
	WASATCH]				40	Flush (4-1/2")				85	599				20,350	Š	
	WASATCH)					ISDP and 5 min ISD	P										26
															gal/f	1 '	1 '	lbs sand/f	
		, 1	3	# of Per	fs/stag	e 45							lush depth	5485	CE	3P depth	15,485	0	LOOK
							15.5	<< Above pump tim	e (min)										
	Totals	3	8			87	1					gals	2,054	bbls	To	tal Sand	74,497		
							0.8					bbls	4.6	tanks			Total Sc	 ale Inhib. =	167

NBU 1021-25C Perforation and CBP Summary

		Perfo	orations							
Stage	Zones	Top,ft Bottom,ft		SPF	Holes	Fracture Coverage				
							-			
4	WASATCH	6127	6130	3	g	6124	to	6134.5		
	WASATCH	6162	6166	3	12	6143.5	to	6143.5		
	WASATCH	6196	8203	3	21	6144.5	to	6144,5		
	WASATCH		No Perfs			6160.5	to	6166		
	WASATCH		No Perfs			6173.5	0	8174.5		
	WASATCH		No Perfs			6197	10	6203.5		
	# of Perfs/stage				42	CBP DEPTH	5,580			
	2 WASATCH	5535	5550	3	45	5534.5	to	5538		
	WASATCH		No Perfs			5546.5	to	5552		
	WASATCH		No Perfs			5554.5	to	5557		
	WASATCH		No Perfs			5569.5	to	5570.5		
	# of Perfs/stage				45	CBP DEPTH	5,485			
	Totals				87					

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED OMB No. 1004-0135 Expires In ovember 30, 2000

Lease Serial No.	
J. Lease Serial No.	

UTU-02277-B

6.	If Indian, Allottee or Tribe Name	

	torm for proposals to Use Form 3160-3 (APD)			6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPL	ICATE – Other instru	ctions on reverse	side	7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES UNIT
1. Type of Well Oil Well Gas Well 2. Name of Operator	☐ Other			8. Well Name and No. NBU 1021-25C
KERR-McGEE OIL & GAS O. 3a. Address 1368 SOUTH 1200 EAST VE 4. Location of Well (Footage, Sec., T., 753' FNL, 2528' FWL NENW, SEC.25, T10S-R21E	ERNAL, UT 84078 R., M., or Survey Description)	3b. Phone No. (include a (435) 781-7024	rea code)	9. API Well No. 4304737969 10. Field and Pool, or Exploratory Area NATURAL BUTTES 11. County or Parish, State UINTAH COUNTY, UTAH
	PROPRIATE BOX(ES) TO			
TYPE OF SUBMISSION		TYPI	E OF ACTION	
If the proposal is to deepen directions Attach the Bond under which the wo	ally or recomplete horizontally, and will be performed or provide operations. If the operation res	Plug and Abandon Plug Back t details, including estimated give subsurface locations and the Bond No. on file with Buts in a multiple completion	Reclamatio Recomplete Temporaril Water Disp starting date of a measured and tn LM/BIA. Requ or recompletion	y Abandon START-UP any proposed work and approximate duration thereof, are vertical depths of all pertinent markers and zones, irred subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once
testing has been completed. Final A determined that the site is ready for fine the operation of the operatio	nal inspection. MED A RECOMPLETIO	ON ON THE SUBJEC	T WELL LO	eCATION. THE TION ON 11/11/2008
PLEASE REFER TO THE AT	TTACHED CHRONOLO	OGICAL WELL HISTO	ORY.	
14. I hereby certify that the foregoing	is true and correct	Limin		
Name (Printed/Typed) SHEILA UPCHEGO		SENIOR LAND	ADMIN SPE	CIALIST
Signature A A I I I I	010000 111-	Date		

November 17, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Approved by



Date

Vins No.: 9	5240				<u>. T. a</u>	NDU	10214	49	API No.: 4304737969			
VENT INFORM	ATION:	EVENT	ACTIVITY: RE	COMPLETI	ON				AFE NO.: 2026107			
		OBJEC	TIVE: DEVELO	PMENT			ATE: 11/7/2008					
		OBJEC	TIVE 2: RECO	MPLETE				WELL STARTED PROD.: 11/10/2007				
		REASC	N: WAS				Event	End Status: COMPLETE				
RIG OPERATION	ls:	Beg	Begin Mobilization		Rig On Location		narges	Rig Operation Start Finish Drilling Rig Release Rig Off Lor				
VILES 2 / 2				10/31	/2008			11/07/20)U8			
Date	all of many and an experience of	ne	Duration (hr)	Phase	Code	Subco de	P/U	Operation				
10000		-End	WILL GLEAVE		ليناب فند البداد		<u> </u>	Line and the Hallman deposits on the Hallman and the Hallman a				
10/31/2008	7:00 ·		10.00	COMP	31	I	Р	HSM. MIRU FROM NBU 921-8B. ND WH. NU BOP. CONTROLL WELL W/ 2% KCL. TOOH W/ 270 JTS 2-3/8 TBG. USED 150 BBLS 2% TO KEEP WELL KILLED. LD LAST 3 JTS SCALED UP. SDFWE				
11/3/2008	SUPER	/ISOR:	WILL GLEAVE									
		- 17:00	10.00	COMP	31	Н	P	7:00 A.M. HSM 200# SICP. BLEED WELL DWN. R/U PMP & LINES & KILL WELL W/ TFW. P/U 3 7/8" MILL, BIT SUB & RIH W/ TBG. TAG FILL @ 8092'. R/U DRL EQUIP. R/U AIR FOAM UNIT & BRK CONV CIRC. BEG TO DRL. C/O 60' SCALE & FELL FREE @ 8152'. CONT TO RIH. TAG FILL @ 8795'. CONT TO DRL. C/O 5' TO 8800', DRLING HARD, MAKE NO HOLE. CIRC WELL CLEAN. R/D AIR FOAM UNIT. (EST USED 250 BBLS TFW). POOH L/D 51 JTS ON TRAILER. CONT TO POOH STD BK TBG. KILL WELL SEVERAL TIMES WHILE POOH. EOT @ 3100'. SWI. SDFN				
11/4/2008	SUPER	VISOR:	WILL GLEAVE			-	•					
	7:00	- 15:00	8.00	COMP	37	В	P —	7:00 A.M. HSM 600# SICP. BLEED PSI OFF. KILL WELL W/ TFW. CONT TO POOH STD BK TBG. L/D BHA. ND BOPE. NU FRAC VLV'S. MIRU CUTTERS. P/U 4 1/2" BAKER CFP & RIH. SET CFP @ 6233'. POOH. MIRU B&C QUICK TST. FILL CSG & PSI TST CSG & FRAC VLV'S TO 6200# (HELD). BLEED PSI OFF. RDMO B&C. P/U 3 3/8" EXP PERF GUNS LOADED W/ 23 GM CHARGES, 3 SPF, 120 DEG PHASING & RIH. SHOOT 21 HOLES F/ 6196' - 6203', P/U SHOOT 12 HOLES F/ 6162' - 66', P/U SHOOT 9 HOLES F/ 6127' - 30'. POOH. PREP TO FRAC IN A.M.				
11/5/2008	SUPER	VISOR:	WILL GLEAVE					t to a comme				
	7:00	- 17:00	10.00	COMP	36	В	P _,	7:00 A.M. HSM WAIT ON WEATHERFORD. ARRIVE @ 9:45 A.M. BEGIN PMP @ 12:00 NOON				
	min Lie			ta.j	1,0			MIRU WEATHERFORD. PRIME PMP'S & PSI TST LINES TO 7500# (HELD). PREP TO FRAC	.:			
	*. :		::	1				ALL PERF'S SHOT W/ 3 3/8" EXP PERF GUNS LOADED W/ 23 GM CHARGES, 3 SPF, 120 DEG PH. ALL CBP'S ARE 4 1/2" 8K BAKER CBP'S. ALL STAGES INCLUDE NALCO DVE-005 SCALE INHIB, 3 GPT IN PAD & 1/2 RAMP, 10 GPT IN FLUSH & PRE PAD. ALL				
								CLEAN FLUID INCLUDE NALCO BIOCIDE @ .5 GPT.				
		•						STG 1: BRK DWN PERF'S @ 1735#, EST INJ RT @ 50.8 BPM @ 3550#, ISIP 1730#, FG .72. TREAT STG 1 W/ 53,674# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 1472 BBLS. ISIP 2376#, NPI 646#, FG .83				
		ia Ja	á					STG 2: P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH. SET CBP @ 5580', P/U SHOOT 45 HOLES F/ 5535' - 50'. POOH. BRK DWN PERF'S @ 2801#, EST INJ RT @ 40.4 BPM @ 2470#, ISIP 604#, FG .55, TREAT STG 2 W/ 22,937# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 628 BBLS. ISIP 1808#, NPI 1204#, FG .77				
		**						P/U 4 1/2" CBP & RIH. SET KILL PLUG @ 5485'. POOH. RDMO CUTTERS. RDMO WEATHERFORD. ND FRAC VLV'S. NU BOPE. PREP TO RIH IN A.M. SWI. SDFN				

Vins No.:	95240			NBU	1021	25C API No.: 4304737969
	7:00 - 17:00	10.00 COMP	44	С	Р	7:00 A.M. HSM
						P/U 3 7/8" HURRICANE MILL, SS POBS & RIH ON TBG. TAG KILL PLUG @ 5485', R/U DRL EQUIP. R/U PMP & LINES. BRK CONV CIRC W/ TFW & BEG TO DRL.
						C/O 1ST CBP IN 25 MIN. (500# PSI INC). CONT TO RIH. TAG FILL @ 5555', (30' FILL). C/O TO 2ND CBP @ 5585'.
						DRL UP 2ND CBP IN 35 MIN (300# PSI INC). CONT TO RIH. TAG FILL @ 6188', (45' FILL). C/O TO ISOLATION PLUG (CFP) @ 6233'. CIRC WELL CLEAN. R/D DRL EQUIP. POOH L/D 63 JTS ON TRAILER. LAND TBG W/ EOT @ 5512'. NDBOPE. NUWH. MIRU DELSCO WL P/U FISH TOOL & RIH. TAG SLIDING SLEEVE BUT COULD NOT LATCH. MAKE 5 ATTEMPTS W/O SUCCESS. POOH. RDMO DELSCO. SWI. SDFN
1/7/2008	SUPERVISOR:	JEFF SAMUELS		_ _		
,,,,,,	7:00 - 15:00	8,00 COMP	34	Н	X	7:00 A.M. HSM MIRU CUTTERS. P/U 1 11/16" TUBING PUNCHER PERF GUNS. EQUILIZE TBG/CSG (600#). RIH. SHOOT 24 HOLES F/ 5450' - 60'. POOH. RDMO CUTTERS. R/U FLOW BACK EQUIP. BEG WELL ON FLOW BACK. RIG DWN. RACK OUT. MOVE RIG & EQUIP TO NBU 921-14B.
11/8/2008	SUPERVISOR:	MICK RICHARDSON				
	7:00 -		33	A		7 AM FLBK REPORT: CP 20#, TP 25#, OPEN/64" CK, 12 BWPH, - SAND, - GAS TTL BBLS RECOVERED: 421 BBLS LEFT TO RECOVER: 1679
11/9/2008	SUPERVISOR:	MICK RICHARDSON				
	7:00 -		33	Α		7 AM FLBK REPORT: CP 25#, TP 40#, 48/64" CK, 12 BWPH, -
	a transfer	:				SAND, - GAS TTL BBLS RECOVERED: 500 BBLS LEFT TO RECOVER: 1600
11/10/2008		MICK RICHARDSON			-	
11/10/2008	7:00 -		33	Α		7 AM FLBK REPORT: CP 1000#, TP 625#, 20/64" CK, 15 BWPH, - SAND, MEDIUM GAS TTL BBLS RECOVERED: 964 BBLS LEFT TO RECOVER: 1136
11/11/2008	SUPERVISOR:	MICK RICHARDSON				·
: : : : : : : : : : : : : : : : : : :	7:00 -		33	A		7 AM FLBK REPORT: CP. 850#, TP 675#, 20/64" CK, 3 BWPH, TRACE SAND, MEDIUM GAS TTL BBLS RECOVERED: 1112 BBLS LEFT TO RECOVER: 988
	14:30 -	PROD				WELL TURNED TO SALES @ 1430 HR ON 11/11/08 - FTP 1000#, CP 1150#, CK 20/64", 2300 MCFD, 96 BWPD

11/17/2008 1:17:57PM

11



(August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137

200-200			BUREAU	J OF L	AND	MANAC	EMEN	1T						Ex	pires: Jul	ly 31, 2010
	WELL (OMPL	ETION C	R RE	COI	MPLETI	ON RI	EPOR	T AND	LOC	}			ease Seria ITU0227		
la. Type of	Well 🔲	Oil Well	☑ Gas ¹	Vell		ry 🔲 (Other						6. If	Indian, A	llottee o	or Tribe Name
b. Type of	Completion	□ N Othe	lew Well	⊠ Wo	rk Ove	er 🔲 D	eepen	□ P	lug Back		Diff, R	esvr.		nit or CA		nent Name and No.
2. Name of	Operator MCGEE OIL			-Mail· s		Contact: S							8. Le	ase Name	e and W	
3. Address				шиан. з	niciia	,uponego@			No. (inch	ide are	a code)			PI Well N		4109
	VERNAL,	UT 8407	78				Ph	: 435-7	81-7024				,, 11			43-047-37696
4. Location				d in acc	ordan	ice with Fe	deral rec	luiremer	ıts)*				10. F N	ield and I IATURAL	Pool, or _ BUTT	Exploratory ES
At surfa			. 2528FWL										11. S	Sec., T., R	., M., o	r Block and Survey F10S R21E Mer SLB
	rod interval r		elow NEN		FNL 2	2528FWL							12. (County or		13. State
At total		100 7 551		ite T.D.	Reac	hed		16. Da	ate Compl	eted			/1825	250 1400000000000000000000000000000000000	DF. K	B, RT, GL)*
11/10/2	007			07/200		.ieu		Пр	& A /11/2008	⊠ Rea	dy to P	rod.		5	298 GL	-
18. Total D		MD TVD	8858			Plug Back		MD TVE		3813				dge Plug		MD TVD
N/Ā	lectric & Oth					opy of each)			22.	Was I Was I Direc	vell cored OST run? tional Sur	l? vey?	⊠ No ⊠ No ⊠ No	☐ Ye	es (Submit analysis) es (Submit analysis) es (Submit analysis)
23. Casing an	d Liner Reco	ord (Repo	ort all strings	158m		4000	Ta	122	1		141					7
Hole Size	Size/G	rade	Wt. (#/ft.)	To (MI	20	Bottom (MD)		Cemen Depth		. of Sk e of Ce		Slurry (BB		Cemen	t Top*	Amount Pulled
20.000		STEEL	36.7			4	_				28	_				
12.250		25 J-55	32.3			205			+		575	_			_	
7.875	4.	500 1-80	11.6		_	885	8		-	_	1570		-		_	
		-			_		+		_		_	-				
					-				-							
24. Tubing	Record												_			
	Depth Set (M	ID) P	acker Depth	(MD)	Siz	ze Dej	oth Set (MD)	Packer I	Depth (MD)	Size	De	pth Set (I	MD)	Packer Depth (MD)
2.375		5512														
25. Producir	ng Intervals					20	6. Perfo	ration Re	ecord							
Fo	ormation		Top		Bot	ttom		Perforat	ed Interva			Size	1	No. Holes		Perf. Status
A)	WASA	TCH		5535	_	6203			5535	TO 6	203	0.3	60	3	7 OPE	N
B)		_			_			_		_			+		+-	
C)		-			_	-	-				-		+	-	+-	
D) 27 Acid Fr	acture, Treat	ment Cer	ment Souceza	Etc												
	Depth Interva		mont bequeeze	, 200					Amount :	and Tv	ne of N	laterial				
		35 TO 6	203 PMP 21	00 BBL:	S SLIC	CK H2O & 7	9,631#3	30/50 OT			P. C. 1.					
															-	
	on - Interval										La		n 1			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF	Water BBL		l Gravity err. API		Gas Gravit	,	Product	ion Method		
11/11/2008	11/16/2008	24		0.0	_	1602.0	93.							FLO	OWS FF	ROM WELL
Choke Size	Tbg. Press. Flwg. 771	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL		is:Oil itío		Well S	tatus				
	SI	530.0		0		1602	93				F	PGW				
28a. Produc	tion - Interva	1 B														
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF	Water BBL		l Gravity orr. API		Gas Gravity	,	Product	ion Method		
	10007	topotat.	-	: mv4e3/		A-050071	WW956				CONTRACTOR				7	RECEIVED
Choke	Tbg. Press.	Csg.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL		s:Oil		Well S	tatus			ie.	The second secon

28b. Prod	luction - Interv	al C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status		
28c. Prod	uction - Interv	al D	-l,		·					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status		
	osition of Gas(Sold, used j	for fuel, vent	ed, etc.)						
Show tests,	nary of Porous all important including dept ecoveries.	zones of po	rosity and c	ontents there			l all drill-stem d shut-in pressures		Formation (Log) Markers	
	Formation		Тор	Bottom		Descripti	ons, Contents, etc.		Name	Top Meas. Depth
WASATC MESAVE			4139 6744	6744 8756						ivieas. Deptii
					,					
								,		
		ī								
32. Addit	ional remarks	(include pl	ugging proc	edure):	_l			<u> </u>	R	ECEIVED
										EC 18 2003
									DIV. OF	OIL, GAS & MININ
1. Ele	e enclosed atta	nical Logs				2. Geologi	-	3. DST	-	Directional Survey
5. Su	ndry Notice fo	r plugging	and cement	verification		6. Core Ar	alysis	7 Other	::	
34. I here	by certify that	the forego	Elect	ronic Subn	ission #65	503 Verifie	orrect as determined by the BLM West ONSHORE L,	ell Information	able records (see attached in System. nal	nstructions):
Name	(please print)	SHEILA (JPCHEGO				Title O	PERATIONS		
Signa	ture	Reference of the second	Submissi	Ma	ILI,		Date <u>1</u> 2	2/11/2008		